

State of Minnesota
**PRICING PAGE -
METHOD # 2**
(Typed Responses Required)

August 21, 2013

Price quote for: **TRACTOR: SKID STEERS AND OEM ATTACHMENTS**

Vendor Name: **Titan Machinery Inc**
Contact Person: **Andy Bethel**
Street Address: **6340 County Road 101 East**
P.O. Box:
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Version of Excel used: 2007

PERCENTAGE DISCOUNT PRICING

1.0	MANUFACTURER	Case
2.0	DATE AND ID. OF PRICE LIST	Skid Steer Attachments 7-Jan-13
3.0	PERCENTAGE DISCOUNT FROM PRICE LIST	10%
4.0	PRICE FOR SERVICE MANUAL	Included
4.1	PRICE FOR PARTS MANUAL	included
4.2	PRICE FOR OPERATIONS MANUAL	included
5.0	<u>EXTENDED WARRANTY OPTIONS</u> Use this section to offer performance/warranty options, number these items starting with 5.1, 5.2, 5.3, etc. <u>(Specify years, miles or hours extended term covers.)</u>	
6.0	<u>NEW EQUIPMENT RENTAL PROGRAM</u> If rental programs are available on the new equipment offered, with the option to purchase, list the hourly/weekly/monthly rental rate. Indicate the percent of rental fee paid by the purchaser that will be applied to the purchase price. See Solicitation Special Terms & Conditions.	
7.0	VENDOR OWNED RENTAL RETURN OR DEMO EQUIPMENT PROGRAM See Solicitation Special Terms and Conditions.	
8.0	<u>DISCOUNT OFF LIST PRICE FOR RELATED PARTS & ACCESSORIES</u> (See Special Terms and Conditions)	%
9.0	DELIVERY STARTING POINT - City, State, Zip Nearest Titan Case CE Facility Shakopee, Rogers, Duluth, Marshall, Crookston, MN Grand Forks, Fargo, ND / Sioux Falls, SD / LaCrosse, WI (See Special Terms and Conditions - no flat rate allowed.)	Price Per Loaded Mile: \$3.00
10.0	INSTALLATION - PER HOUR (Hourly Shop Rate): (Installation services may be requested on an "as needed" basis - see special terms and conditions.)	\$108.00
11.0	STANDARD WARRANTY: Months, hours, years, etc.	1 year

CASE
CONSTRUCTION



SKID STEER LOADERS /
COMPACT TRACK LOADERS

Index - Skid Steer & Compact Track Loader Attachments

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ADAPTERS

Ex Works – Delhi, IA

	PART NUMBER	WEIGHT LB	PRICE
ADAPTER, SSL ATTACHMENT BLANK, Standard Duty	84397477	75	\$208.00
ADAPTER, SSL ATTACHMENT BLANK, Heavy Duty	84397478	123	\$266.00

MODEL COMPATIBILITY	SR130 SR150	SR175 SV185	SR200	SR220		SV250 SR250	SV300		TR270			TR320 TV380
	410	420	430	440	435	445 450	465	420CT		440CT	445CT 450CT	
ADAPTER PLATE - Std	•	•	•									
ADAPTER PLATE - HD	•	•	•	•	•	•	•	•	•	•	•	•

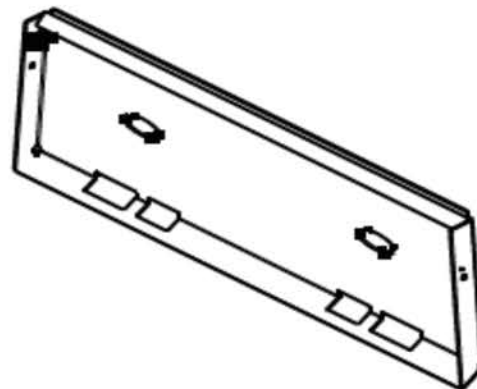
FEATURES

- Std Duty - 1/4" steel construction
- Heavy Duty - 3/8" steel construction with reinforced upper hitch bar.

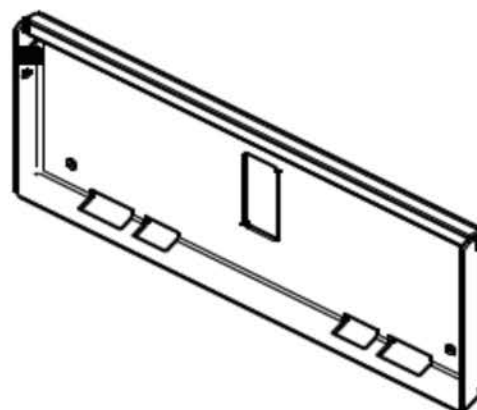
APPLICATIONS

- Weld-on hitch plates used to special attachments to skid steer coupler

Standard Duty



Heavy Duty



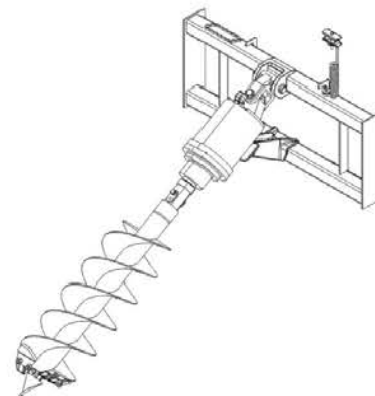
AUGERS

Ex Works – Delhi, IA

Base units include mounting bracket, auger drive head, hoses and QDs. Must order bit for complete unit.

BASE UNIT - PLANETARY DRIVE

STANDARD AUXILIARY BOOM HYDRAULICS REQUIRED; X5075 REQUIRES HIGH FLOW	PART NUMBER	WEIGHT LB	PRICE
X1225R256 DRIVE UNIT, 2-9/16" round output shaft	84390662	365	\$2,280.00
X1225H200 DRIVE UNIT, 2" hex output shaft	84390663	365	\$2,280.00
X1425R256 DRIVE UNIT, 2-9/16" round output shaft	87488591	365	\$2,282.00
X1425H200 DRIVE UNIT, 2" hex output shaft	87488592	365	\$2,282.00
X1475R256 DRIVE UNIT, 2-9/16" round output shaft	87042591	405	\$2,445.00
X1475H200 DRIVE UNIT, 2" hex output shaft	87042592	405	\$2,445.00
X1975R256 DRIVE UNIT, 2-9/16" round output shaft	87042593	410	\$2,648.00
X1975H200 DRIVE UNIT, 2" hex output shaft	87042594	410	\$2,648.00
X5075H200 DRIVE UNIT, 2" hex output shaft (high flow auxiliary hydraulics and case drain required.)	87488593	550	\$4,984.00



MODEL COMPATIBILITY	SR130	SR150	SR175	SV185	SR200	SR220	SV250	SR250	SV300	TR270	REQ'D EQUIPMENT							
	410	420	430	440	435	445	450	465	420CT	440CT	445CT	450CT	STD FLOW	HIGH FLOW	CASE DRAIN	FRONT ELEC	DEMO DOOR	2ND AUX
AUGER DRIVE, X1225 (12-18) (NEW)	•												R					
AUGER DRIVE, X1425 (16-22)	•	•	•		•	•	•	•	•	•	•	•	R					
AUGER DRIVE, X1475 (10-25)	•	•	•	•	•	•	•	•	•	•	•	•	R					
AUGER DRIVE, X1975 (15-30)		•	•	•	•	•	•	•	•	•	•	•	R					
AUGER DRIVE, X5075 (28-40)			•	•	•	•	•	•	•	•	•	•		R	R			

SPECIFICATIONS					
Auger Model	X1225	X1425	X1475	X1975	X5075
Flow (gpm)	14 - 18	18 - 22	10 - 25	15 - 30	28 - 40
RPM @ max flow	92	90	96	100	85
Max Torque @ max flow and pressure (ft-lb)	1799	2253	2377	2769	5069
Gear Reduction	3.8:1	3.8:1	3.8:1	3.8:1	6.1:1
	Planetary Gearbox	Planetary Gearbox	Planetary Gearbox	Planetary Gearbox	Planetary Gearbox
Max auger diameter	24"	30"	30"	36"	36"
Output shaft	2-9/16" Rd	2-9/16" Rd	2-9/16" Rd	2-9/16" Rd	2" Hex
	2" Hex	2" Hex	2" Hex	2" Hex	
Warranty - Gearbox	2 Years	2 Years	5 Years	5 Years	5 Years
Warranty - Other, (non-wear)	1 Year	1 Year	1 Year	1 Year	1 Year

AUGER OPTIONS

HDF STYLE AUGERS	PART NUMBER	WEIGHT LB	PRICE
2-9/16" Round Coupler			
6" X 4' Auger	9863606	40	\$ 234.00
9" X 4' Auger	9863607	86	\$341.00
12" X 4' Auger	9863608	115	\$395.00
15" X 4' Auger	9863609	136	\$515.00
18" X 4' Auger	9863610	176	\$648.00
24" X 4' Auger	9863611	278	\$666.00
30" X 4' Auger	9863612	325	\$1,056.00
36" X 4' Auger	9863613	443	\$1,262.00



Auger Options (Continued next page)

AUGERS – continued

Ex Works – Delhi, IA

HDF STYLE AUGERS	PART NUMBER	WEIGHT LB	PRICE
2" Hex Coupler			
6" X 4' Auger	9863626	40	\$ 234.00
9" X 4' Auger	9863627	86	\$341.00
12" X 4' Auger	9863628	115	\$395.00
15" X 4' Auger	9863629	136	\$515.00
18" X 4' Auger	9863630	176	\$648.00
24" X 4' Auger	9863631	278	\$666.00
30" X 4' Auger	9863632	325	\$1,056.00
36" X 4' Auger	9863633	443	\$1,262.00

HDF Style



HDC STYLE AUGERS	PART NUMBER	WEIGHT LB	PRICE
2-9/16" Round Coupler			
6" X 4' Auger	9863614	45	\$344.00
9" X 4' Auger	9863615	98	\$341.00
12" X 4' Auger	9863616	128	\$553.00
15" X 4' Auger	9863617	139	\$701.00
18" X 4' Auger	9863618	204	\$820.00
24" X 4' Auger	9863619	272	\$1,203.00
30" X 4' Auger	9863620	312	\$1,486.00
36" X 4' Auger	9863621	430	\$1,601.00

HDC Style



HDC STYLE AUGERS	PART NUMBER	WEIGHT LB	PRICE
2" Hex Coupler			
6" X 4' Auger	9863614	45	\$344.00
9" X 4' Auger	9863615	98	\$341.00
12" X 4' Auger	9863616	128	\$553.00
15" X 4' Auger	9863617	139	\$701.00
18" X 4' Auger	9863618	204	\$820.00
24" X 4' Auger	9863619	272	\$1,203.00
30" X 4' Auger	9863620	312	\$1,486.00
36" X 4' Auger	9863621	430	\$1,601.00

HTF STYLE AUGERS	PART NUMBER	WEIGHT LB	PRICE
2-9/16" Round Coupler			
18" X 4' Auger	9863622	144	\$596.00
24" X 4' Auger	9863623	198	\$617.00
30" X 4' Auger	9863624	264	\$899.00
36" X 4' Auger	9863625	349	\$1,067.00

HTF Style



HTF STYLE AUGERS	PART NUMBER	WEIGHT LB	PRICE
2" Hex Coupler			
18" X 4' Auger	9863642	144	\$596.00
24" X 4' Auger	9863643	198	\$617.00
30" X 4' Auger	9863644	264	\$899.00
36" X 4' Auger	9863645	349	\$1,067.00

Auger extensions and adapters (Continued next page)

AUGERS – continued

Ex Works – Delhi, IA

AUGER EXTENSIONS AND ADAPTERS	PART NUMBER	WEIGHT LB	PRICE
2" hex female to 2-9/16" round male	9863646	16	\$195.00
2-9/16" round female to 2" hex male	9863647	15	\$128.00
2" hex female to 2" round male	87042596	10	\$205.00
2-9/16" round female to 2" round male	87042597	12	\$124.00
12" extension, 2-9/16" round	87042598	21	\$127.00
24" extension, 2-9/16" round	87042600	39	\$167.00
12" extension, 2" hex	87042601	20	\$160.00
24" extension, 2" hex	87042602	32	\$185.00
48" extension, 2" hex	84514060	57	\$231.00

FEATURES

HDC STYLE AUGERS

For difficult ground conditions, compacted soils, heavy clay, asphalt, frozen ground, fracturable rock.

- HD cast boring head
- Hardened, drive-in teeth
- Hardened “fishtail” point
- Heavy duty double flighting
- 4 ft. overall length

HDF STYLE AUGERS

For light to moderate ground conditions.

- Fabricated boring head
- Hardened bolt-on teeth
- Hardened “fishtail” point
- Heavy duty double flighting
- 4 ft. overall length

HTF STYLE AUGERS

For tree and shrub planting, the landscape contractor's preference is the HTF style auger. The two diameter design digs a smaller diameter hole for fertilizer or mulch mixture underneath the root ball. The larger diameter hole should be sized to provide proper clearance between the side walls of the hole and the root ball. The HTF style auger is the clear choice for tree and shrub planting.

- Fabricated boring head
- Two-diameter design
- Hardened fishtail point
- Heavy duty double flighting
- 4 ft. overall length



Auger Options (Continued next page)

AUTO RAKE

Ex Works – Dexter, MI

Packages include mounting plate, hoses and quick couplers.

STANDARD AUXILIARY BOOM HYDRAULICS REQUIRED	PART NUMBER	WEIGHT LB	PRICE
AUTO RAKE, 66"	279530A1	1092	\$10,280.00
AUTO RAKE, 76"	251357A1	1200	\$11,174.00

MODEL COMPATIBLTY	SR130 SR150	SR175 SV185		SR200	SR220		SV250 SR250	SV300		TR270			TR320 TV380	REQ'D EQUIPMENT							
	410 420		430		440	435	445 450	465	420CT		440CT	445CT 450CT		STD FLOW	HIGH FLOW	CASE DRAIN	FRONT ELEC	DEMO DOOR	2ND AUX		
AUTO RAKE, 66"	•	•	•	•	•	•			•	•			R								
AUTO RAKE, 76"		•		•	•	•	•	•	•	•	•	•	R								

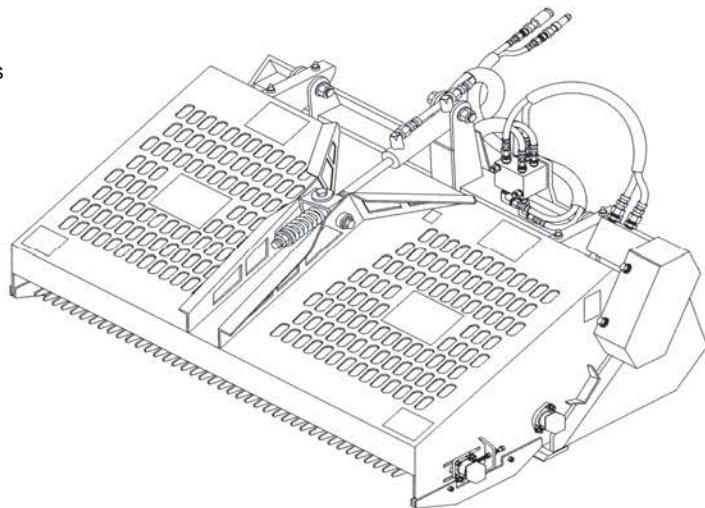
FEATURES

- Grooms and finishes soil for seeding and sodding
- Picks up rocks from 3/4" to 6" in diameter and collects them in the hopper
- Breaks up clods and levels soil
- Easy to dump collected debris, simply raise the loader boom and open the shroud hydraulically

REQUIREMENTS FOR OPERATION

- Standard auxiliary hydraulics
- Rear counterweight on 1800 Series

WORKING WIDTH:	66 in	76 in.
Overall Width	73.8 in.	83.8 in.
Height	40 in.	40 in.
Depth	64 in.	64 in.
Hopper Capacity	13 cu. ft.	15 cu. ft.



BACKHOES

Ex Works – Delhi, IA

BASE UNIT (Base units include fold-down stabilizers. Vertical stabilizer may be substituted on 509, 511, 6100, and 6120 (extra charge). Must order mounting kit, stabilizer pad option as indicated and bucket for complete unit. Backhoes are not compatible with cab or demolition doors. Doors must be removed for backhoe operation.

AUXILIARY BOOM HYDRAULICS REQUIRED. REAR COUNTERWEIGHTS OR REAR STABILIZERS RECOMMENDED.	PART NUMBER	WEIGHT LB	PRICE
MODEL 485 BACKHOE (fold down stabilizers included with dirt pads only. Bolt-on rubber pads are optional.)	87498441	1010	\$8,115.00
MODEL 509 BACKHOE (must select pad option for fold-down or vertical stabilizers)	87318188	1425	\$10,821.00
MODEL 511 BACKHOE (must select pad option for fold-down or vertical stabilizers)	87318189	1577	\$11,425.00
MODEL 6100 BACKHOE (fold-down stabilizers - flip- over dirt pads included. Bolt-on rubber pads are optional.)	87498442	1675	\$11,180.00
MODEL 6120 BACKHOE (fold-down stabilizers - flip- over dirt pads included. Bolt-on rubber pads are optional.)	87498443	1810	\$11,497.00

MODEL COMPATIBLTY	REQ'D EQUIPMENT																													
	410	420	430	SR200						SR130	SR150	SR175 w/10x16.5	SR175 w/12x16.5	SV185	SR200 w/10x16.5	SR200 w/12x16.5 or 33/15.5x16.5	SR220	SR250	SV250	SV300	TR270	TR320	TV380	STD FLOW	HIGH FLOW	CASE DRAIN	FRONT ELEC	DEMO DOOR	2ND AUX	
485 BACKHOE	•	•	•				•			•	•	•	•	•											R					
509 BACKHOE	•	•	•	•	•	•	•	•			•	•	•	•	•	•	•	•	•	•	•	•	•		R					
511 BACKHOE		•	•	•	•	•	•	•	•			•		•		•		•		•	•	•	•		R					
6100 BACKHOE		•	•	•	•	•	•	•	•					•		•	•	•	•	•	•	•	•		R					
6120 BACKHOE			•	•	•	•		•	•									•	•				•		R					
COMPLETE MOUNTING KIT (BACKHOE AND LOADER HALVES)																														
MOUNTING KIT - 87318192	•	•	•	•			•	•																						
MOUNTING KIT - 87318193					•	•			•																					
MOUNTING KIT - 84420962										•																				
MOUNTING KIT - 84420963											•			•	•															
MOUNTING KIT - 84420965												•				•	•	•	•		•	•								
MOUNTING BRACKETS (LOADER HALF ONLY)																														
MOUNTING BRKT - 87318194	•	•	•	•			•	•																						
MOUNTING BRKT - 87318195					•	•			•																					
MOUNTING BRKT - 84466100										•																				
MOUNTING BRKT - 84420966											•			•	•															
MOUNTING BRKT - 84420967												•				•	•	•	•		•	•	•							

MOUNTING KITS (Must Order One to Complete Unit)

	PART NUMBER	WEIGHT LB	PRICE
Mounting kit for 410, 420, 430, 440, 420CT, 440CT	87318192	223	\$1,797.00
Mounting Kit for 435, 445, 450, 465, 445CT, 450CT	87318193	205	\$1,797.00
Mounting Kit for SR130, SR150	84420962	250	\$2,140.00
Mounting Kit for SR175, SV185, SR200 (see table)	84420963	275	\$2,347.00
Mounting Kit for SR175, SR200, SR220, SR250, SV250, SV300, TR270, TR320, TV380 (see table)	84420965	270	\$2,347.00

BACKHOE OPTIONS & ACCESSORIES

Ex Works – Delhi, IA

STABILIZER PAD OPTIONS (Order One to Complete Unit)

	PART NUMBER	WEIGHT LB	PRICE
Standard Dirt Pads for 509, 511 (fold down)	86547400	30	\$145.00
Rubber Street Pads for 509, 511 (fold down)	86547423	70	\$566.00
Flip-Over Pads for 509, 511(fold down)	86547424	100	\$697.00
Rubber Street Pads for 485 (fold down)-not required	84150223	10	\$1,219.00
Rubber Street Pads for 6100, 6120 (fold-down) - not required	87498477	15	\$395.00
Standard Dirt Pads for all models (vertical)	86590026	32	\$226.00
Rubber Street Pads for all models (vertical)	86590027	70	\$392.00
Flat Pad Set for all models (vertical)	86590028	39	\$226.00

FACTORY-INSTALLED OPTIONS (Order as Needed)

	PART NUMBER	WEIGHT LB	PRICE
Vertical Stabilizers for 509, 511	87034086	92	\$824.00
Vertical Stabilizers for Models 6100, 6120	84150225	240	\$1,495.00
C&P Bucket Quick Coupler for 509, 511	87034088	75	\$1,189.00
C&P Bucket Quick Coupler for 6100, 6120	84150409	75	\$1,295.00
Knuckle Arm Thumb for 485	87487657	70	\$750.00
Knuckle Arm Thumb for 509, 511	87034089	150	\$1,275.00
Knuckle Arm Thumb for 6100, 6120	84150419	150	\$1,266.00
Hydraulic Thumb for 509, 511	87034090	150	\$1,579.00
Hydraulic Thumb for 6100, 6120	84150422	135	\$1,479.00
2-Way Auxiliary Hydraulic Kit for 509, 511(for hydraulic thumb, hammer and auger applications)	87034091	60	\$1,841.00
2-Way Aux. Hydraulic Kit for 6100 (for hydraulic thumb, hammer and auger applications)	84150411	50	\$1,308.00
2-Way Aux. Hydraulic Kit for 6120 (for hydraulic thumb, hammer and auger applications)	84150413	50	\$1,436.00

STANDARD PIN-ON BUCKET OPTIONS FOR 485 BACKHOE (Must order bucket for complete unit)

	PART NUMBER	WEIGHT LB	PRICE
10" Bucket (.9 ft³)	86547428	72	\$480.00
12" Bucket (1.2 ft³)	86547429	76	\$500.00
16" Bucket (1.9 ft³)	86547430	89	\$532.00
18" Bucket (2.1 ft³)	86547431	95	\$555.00
24" Bucket (3.1 ft³)	86547432	115	\$601.00

STANDARD PIN-ON BUCKET OPTIONS FOR 509 AND 511 BACKHOES (Must order bucket for complete unit)

	PART NUMBER	WEIGHT LB	PRICE
12" Bucket (1.8 ft³)*	86568601	140	\$797.00
16" Bucket (2.6 ft³)	86568602	154	\$847.00
18" Bucket (3.0 ft³)	86568603	163	\$875.00
20" Bucket (3.4 ft³)	87034107	168	\$901.00
24" Bucket (4.3 ft³)*	86568604	185	\$915.00
36" Bucket (6.1 ft³)	87034108	257	\$1,176.00
Ripper Tooth	86619967	81	\$513.00

* Thumb contacts bucket teeth, others mesh with teeth

Backhoe Options & Accessories (Continued next page)

BACKHOE OPTIONS & ACCESSORIES

Ex Works – Delhi, IA

STANDARD PIN-ON BUCKET OPTIONS FOR 6100 AND 6120 BACKHOES (Must order bucket for complete unit)

	PART NUMBER	WEIGHT LB	PRICE
12" Bucket (1.5 ft³)*	84150228	125	\$929.00
16" Bucket (2.2 ft³)	84150229	148	\$966.00
18" Bucket (2.5 ft³)	84150230	156	\$979.00
24" Bucket (3.6 ft³)*	84150231	180	\$1,015.00
34" Bucket (5.3 ft³)	84150232	238	\$1,271.00
36" Bucket (5.7 ft³)	84150233	246	\$1,219.00
38" Bucket (6.0 ft³)	84150234	255	\$1,236.00
Auger Adapter Bracket (allows Case auger to be attached to the dipper. Requires aux. hydr. kit)	87648164	70	\$400.00

* Thumb contacts bucket teeth, others mesh with teeth

C&P MOUNT BUCKETS AND ATTACHMENTS FOR 509,511,6100, 6120 BACKHOES (requires C&P bucket quick coupler)

	PART NUMBER	WEIGHT LB	PRICE
12" C&P 027 Heavy Duty bucket (2.4 ft³)*	87034110	175	\$986.00
16" C&P 027 Heavy Duty bucket (3.3 ft³)	87034111	190	\$997.00
18" C&P 027 Heavy Duty bucket (3.5 ft³)	87034112	210	\$1,065.00
20" C&P 027 Heavy Duty bucket (3.8 ft³)	87034114	225	\$1,117.00
24" C&P 027 Heavy Duty bucket (4.8 ft³)*	87034115	250	\$1,253.00
30" C&P 027 Heavy Duty bucket (6.1 ft³)	87034116	275	\$1,323.00
36" C&P 027 Heavy Duty bucket (7.5 ft³)	87034117	300	\$1,492.00
30" C&P 027 Ditch Cleaning bucket (6.1 ft³)	87034118	250	\$1,214.00
36" C&P 027 Ditch Cleaning bucket (7.5 ft³)	87034119	275	\$1,277.00
C&P 027 Ripper Tooth	87034120	150	\$459.00
C&P 027 Auger adapter (allows Case auger to be attached to dipper. Requires auxiliary hydraulic kit)	87034122	115	\$693.00

* Thumb contacts bucket teeth, others mesh with teeth

FIELD INSTALLED OPTIONS (Order as Needed)

	PART NUMBER	WEIGHT LB	PRICE
Mounting bracket for 410, 420, 430, 440, 420CT, 440CT (loader side only)	87318194	63	\$270.00
Mounting bracket for 435, 445, 450, 465, 445CT, 450CT (loader side only)	87318195	40	\$223.00
Mounting bracket for SR130, SR150 (loader side only)	84466100	51	\$323.00
Mounting bracket for SR175, SV185, SR200 (see table) (loader side only)	84420966	43	\$306.00
Mounting bracket for SR175, SR200, SR220, SR250, SV250, SV300, TR270, TR320, TV380 (see table) (loader side only)	84420967	40	\$371.00
C&P Bucket Quick Coupler for 509, 511	87034123	75	\$1,189.00
C&P Bucket Quick Coupler for 6100, 6120	84150410	63	\$1,286.00
Knuckle Arm Thumb for 485	87487658	90	\$566.00
Knuckle Arm Thumb for 509, 511	87034125	124	\$1,138.00
Knuckle Arm Thumb for 6100, 6120	84150420	162	\$1,137.00
Hydraulic Thumb for 509, 511	87034127	124	\$1,375.00
Hydraulic Thumb for 6100, 6120	84150423	155	\$1,517.00

Backhoe Options & Accessories (Continued next page)

BACKHOE OPTIONS & ACCESSORIES

Ex Works – Delhi, IA

FIELD INSTALLED OPTIONS (Order as Needed) - continued

	PART NUMBER	WEIGHT LB	PRICE
2-Way Auxiliary Hydraulic Kit for 509, 511(for hydraulic thumb, hammer and auger applications)	87034128	60	\$1,391.00
2-Way Auxiliary Hydraulic Kit for 6100 (for hydraulic thumb, hammer and auger applications)	84150412	50	\$1,053.00
2-Way Auxiliary Hydraulic Kit for 6120 (for hydraulic thumb, hammer and auger applications)	84150414	50	\$1,172.00
Field-Installed Vertical Stabilizers 509, 511	87034129	230	\$1,813.00
Field-Installed Vertical Stabilizer for 6100, 6120	84150226	270	\$2,208.00

FEATURES

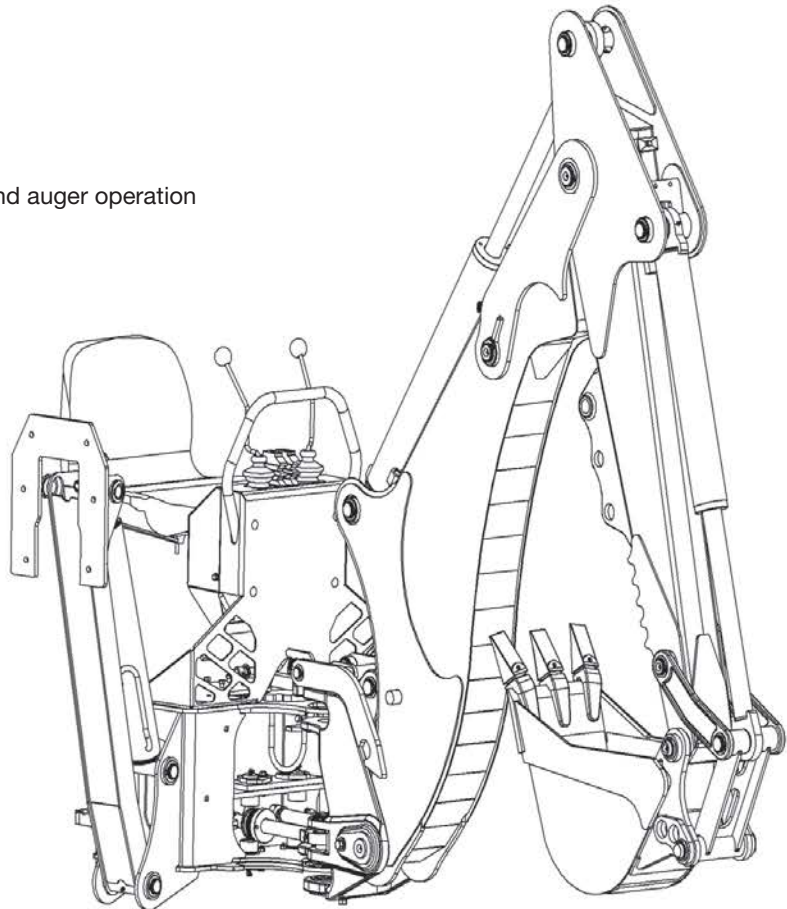
- Best in class digging force. – Best in class reach
- All models thumb ready
- Dual swing cylinders for maximum power
- Cushioned swing with speed control
- Optional thumbs
- Optional aux. hydraulic kit for thumb, hammer and auger operation (509, 511, 6100, 6120)
- Fold-down or vertical stabilizer options
- Standard pin-on or C&P quick mount buckets (509, 511, 6100, 6120)

REQUIREMENTS FOR OPERATION

- Standard auxiliary hydraulics

APPLICATIONS:

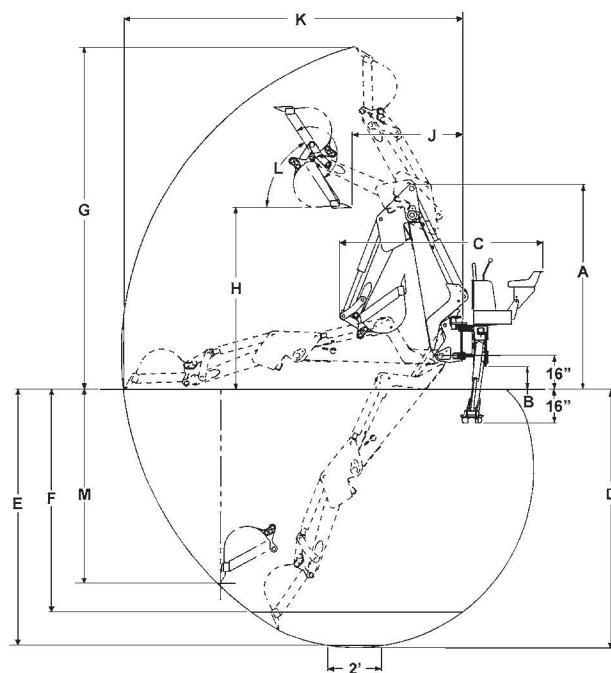
- Dig trenches for footings or utilities



BACKHOE SPECIFICATIONS

Ex Works – Delhi, IA

BACKHOE MODEL		485	509	511	6100	6120
TRANSPORT						
A.	Transport Height (w/boom fully retracted)	6' 9"	7'9"	8' 10"	8'5"	9'8"
	Transport Width (w/fold down stabilizers up)	4' 3"	5'0"	5' 0"	4'10"	4'10"
	Transport Width (w/vertical stabilizers)	N/A	4'9"	4' 9"	5'10"	5'10"
B.	Ground Clearance	10"	11"	11"	10"	10"
C.	Overall Length	6' 11"	7'7"	7' 9"	7'8"	8'9"
	Boom Pivot Height	12"	16"	16"	16"	16"
OPERATIONAL						
D.	Digging Depth Maximum	8' 3"	9'8"	11' 1"	10' 1"	12' 1"
E.	Digging Depth (2') Flat Bottom	8' 2"	9'7"	11' 0"	10'	12' 0"
F.	Digging Depth (8') Flat Bottom	4' 4"	8'3"	9' 11"	8' 6"	10' 8"
G.	Overall Operating Height - Fully Raised	10' 1"	12'10"	14' 5"	12' 4"	14' 0"
H.	Loading Height	5' 3"	6'10"	8' 0"	6' 7"	6' 11"
J.	Loading Reach	4' 10"	4'2"	5' 0"	5' 0"	6' 3"
K.	Reach from Swing Post	10' 7"	12' 9"	14' 5"	13' 1"	15' 1"
L.	Bucket Rotation	180°	180°	180°		180°
	Swing Arc	180°	180°	180°		180°
M.	Straight Wall Dig Depth	4' 8"	7' 3"	8' 2"	7' 6"	8' 7"
	Stabilizer Spread-Operating Pos. (fold down)	7' 6"	7' 11"	7' 11"	8' 8"	8' 8"
	Stabilizer Spread-Operating Pos. (vertical)	N/A	4' 9"	4' 9"	5' 10"	5' 10"
	Stabilizer Down Below Grade (fold down)	10"	16"	16"	18"	18"
	Stabilizer Down Below Grade (vertical)	N/A	11"	11"	12"	12"
	System Relief Valve Setting	2750 psi	2500 psi	2500 psi	2750 psi	2750 psi
	Digging Force - Bucket Cylinder	3,895 lb.	5,676 lb.	5,676 lb.	6,200 lb.	6,200 lb.
	Digging Force - Dipper Cylinder	2,358 lb.	2,754 lb.	3,056 lb.	3,771 lb.	4,102 lb.



BALE HANDLER

Ex Works – Delhi, IA

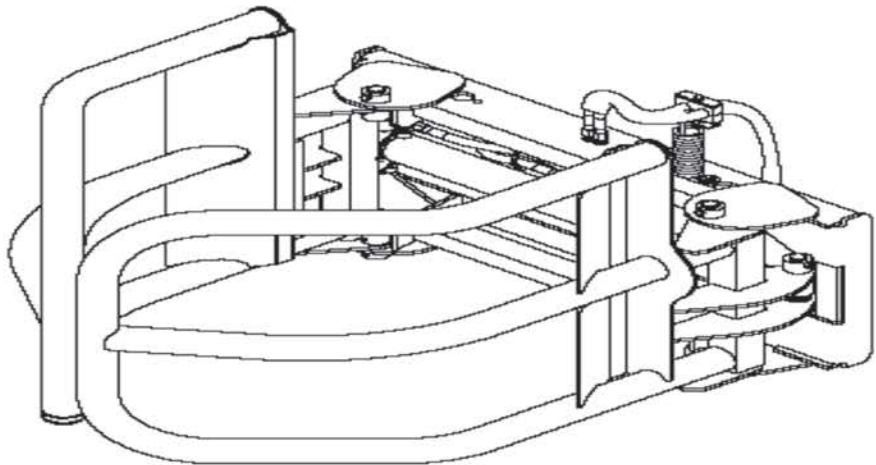
Bale handler includes mounting bracket, cylinder, hoses and quick couplers.

STANDARD AUXILIARY BOOM HYDRAULICS REQUIRED	PART NUMBER	WEIGHT LB	PRICE
BALE HANDLER	87381816	590	\$2,825.00

MODEL COMPATIBILITY	SR130 SR150	SR175 SV185	SR200	SR220		SV250 SR250	SV300		TR270			TR320 TV380	REQ'D EQUIPMENT					
	410	420	430	440	435	445 450	465	420CT		440CT	445CT 450CT		STD FLOW	HIGH FLOW	CASE DRAIN	FRONT ELEC	DEMO DOOR	2ND AUX
BALE HANDLER	•	•	•	•	•	•	•	•	•	•	•	•	R					

FEATURES

- Handles bales from 28" to 80"
- Constant pressure eliminates dropped bales
- Hugger arms fabricated with formed round tubing that protects bale wrap protects bale wrap
- Lifts, moves, stacks round or rectangular bales



BALE SPEARS

Ex Works – Delhi, IA

	PART NUMBER	WEIGHT LB	PRICE
BALE SPEAR, Std Single	87648168	160	\$503.00
BALE SPEAR, HD Single	87473627	195	\$703.00
BALE SPEAR, HD Dual	87473628	235	\$855.00
BALE SPEAR, 3 x 27"	87473629	210	\$840.00
BALE SPEAR, 3 X 44"	87473630	230	\$978.00

MODEL COMPATIBLTY	SR130 SR150	SR175 SV185	SR200	SR220		SV250 SR250	SV300		TR270			TR320 TV380	REQ'D EQUIPMENT					
	410	420	430	440	435	445 450	465	420CT		440CT	445CT 450CT		STD FLOW	HIGH FLOW	CASE DRAIN	FRONT ELEC	DEMO DOOR	2ND AUX
BALE SPEAR, Std Single	•	•	•	•	•	•	•	•	•	•	•	•						
BALE SPEAR, HD Single	•	•	•	•	•	•	•	•	•	•	•	•						
BALE SPEAR, HD Dual	•	•	•	•	•	•	•	•	•	•	•	•						
BALE SPEAR, 3 X 27"	•	•	•	•	•	•	•	•	•	•	•	•						
BALE SPEAR, 3 X 44"	•	•	•	•	•	•	•	•	•	•	•	•						

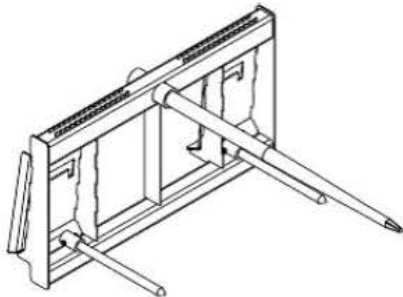
SINGLE TINE BALE SPEAR

Standard Duty

- For bales up to 2000 lb @ 24" load center
- Main spear – single tapered, forged, 1-1/4" dia x 44"
- Stabilizer spikes – dual 1-1/4" dia x 19"

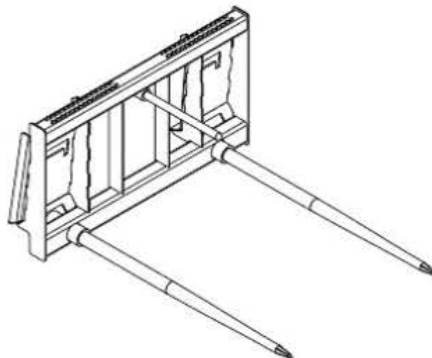
Heavy Duty

- For bales up to 3000 lb @ 24" load center
- Main spear – single tapered, forged, 2-1/8" dia x 49"
- Stabilizer spikes – dual 1-1/4" dia x 19"



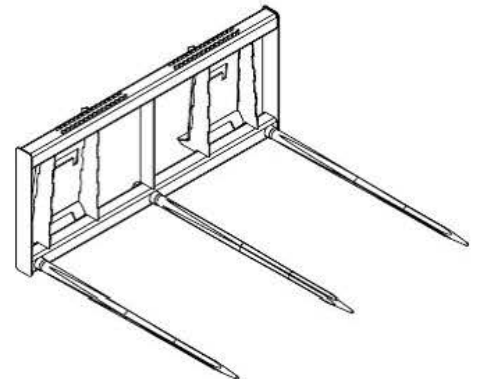
DUAL TINE BALE SPEAR

- For bales up to 4000 lb @ 24" load center
- Main spears – dual tapered, forged, 2-1/8" dia x 49"
- Stabilizer spike – single 1-1/4" dia x 19"



3 TINE BALE SPEAR

- For bales up to 4000 lb @ 24" load center
- Main spikes – 3 tapered, forged, 1-3/4" dia
- Available with 27" or 44" length spears



BROOMS, ANGLE

Ex Works – Dexter, MI

Manual angle is standard. Hydraulic angling kits must be specified separately. Units are shipped with mounting bracket, hoses, quick disconnects and parking stands to support brush head when dismounted.

STANDARD AUXILIARY BOOM HYDRAULICS REQUIRED	PART NUMBER	WEIGHT LB	PRICE
72" ANGLE BROOM with poly/wire combination brush	84215694	780	\$6,105.00
84" ANGLE BROOM with poly/wire combination brush	84215695	853	\$6,637.00
96" ANGLE BROOM with poly/wire combination brush	84215696	870	\$7,168.00
96" ANGLE BROOM DUAL MOTOR with poly/wire combination brush	47358395	1174	\$8,422.00

OPTIONS (Order as Needed)

Hydraulic Angle Kit (Universal) includes: diverter valve, cylinder, hoses, wiring and switch box mounted in cab.	84215697	20	\$1,662.00
Hydraulic Angle Kit (14 - Pin) includes: diverter valve, cylinder, hoses, wiring for loaders equipped with 14-pin boom connector.	84215698	20	\$1,540.00
Hydraulic Angle Kit (2nd Aux) includes cylinder, hoses, and quick disconnects for loaders equipped with 2nd auxiliary function.	84215699	18	\$507.00
Wire Harness Adapter for 85XT, 90XT, 95XT (use with 84215698). Adapts pre- 9/1/2001 units with 8 - pin boom connector.	87383458	2	\$124.00

REPLACEMENT BRUSH SETS

PolyWire Brush Set for 72" broom	84376838	140	\$407.00
PolyWire Brush Set for 84" broom	84376839	164	\$478.00
PolyWire Brush Set for 96" broom	84376840	196	\$548.00

MODEL COMPATIBILITY	SR130 SR150		SR175 SV185		SR200 SR220		SV250 SR250	SV300		TR270			TR320 TV380	REQ'D EQUIPMENT					
		410	420	430	440	435	445 450	465	420CT		440CT	445CT 450CT		STD FLOW	HIGH FLOW	CASE DRAIN	FRONT ELEC	DEMO DOOR	2ND AUX
72" ANGLE BROOM	•	•	•	•	•	•	•	•	•	•	•	•	•	R			O		O
84" ANGLE BROOM		•	•	•	•	•	•	•	•	•	•	•	•	R			O		O
96" ANGLE BROOM				•	•	•	•	•		•	•	•	•	R			O		O
96" ANGLE BROOM (DUAL)					•	•	•	•		•	•	•	•	R			O		O

FEATURES

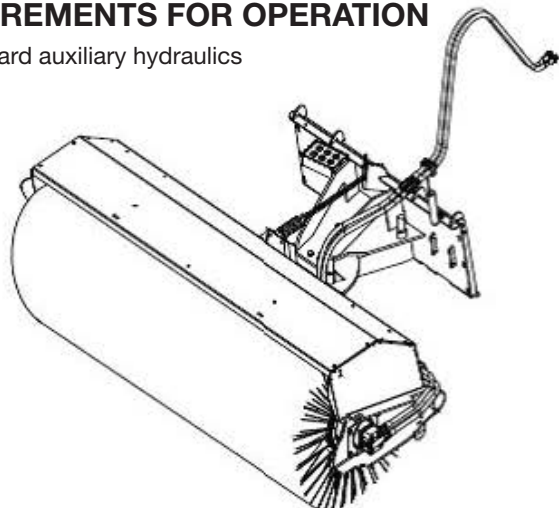
- Standard manual angle, optional hydraulic angle
- Parking stands
- Angles 30° left or right
- 32" brush diameter
- Integral nozzle mounting for water application
- Bolt together hood for simple, less costly replacement, if damaged
- 50/50 poly/wire brush core
- Quick change brush without breaking hydraulic lines

APPLICATIONS

- Street cleaning & parking lot maintenance, road maintenance clean-up, bridge deck clean-up, jobsite clean-up
- Snow removal

REQUIREMENTS FOR OPERATION

- Standard auxiliary hydraulics



BROOMS, HOPPER

Ex Works – Dexter, MI

BASE UNITS include mounting bracket, hoses and quick disconnects

STANDARD AUXILIARY BOOM HYDRAULICS REQUIRED	PART NUMBER	WEIGHT LB	PRICE
60" SB HOPPER BROOM with poly/wire brush	84188884	808	\$4,552.00
72" SB HOPPER BROOM with poly/wire brush	84188885	916	\$4,948.00
84" SB HOPPER BROOM with poly/wire brush	84188886	1033	\$5,346.00

OPTIONS (Order as Needed)

Gutter brush for SB Hopper Broom - poly only (order 2 for dual)	84188890	95	\$1,394.00
Dust control kit, broom mount, (includes 25 gallon tank, nozzles and hose)	445999A1	50	\$1,195.00

REPLACEMENT BRUSH SETS

Poly/wire brush set for 60" broom	84375436	97	\$416.00
Poly/wire brush set for 72" broom	84375437	113	\$487.00
Poly/wire brush set for 84" broom	84375438	134	\$582.00

MODEL COMPATIBILITY	SR130	SR150	SR175 SV185	SR200	SR220		SV250 SR250	SV300		TR270			TR320 TV380	REQ'D EQUIPMENT					
		410	420	430	440	435	445 450	465	420CT		440CT	445CT 450CT		STD FLOW	HIGH FLOW	CASE DRAIN	FRONT ELEC	DEMO DOOR	2ND AUX
60" HOPPER BROOM	•	•	•	•										R					
72" HOPPER BROOM		•	•	•	•	•	•	•	•	•	•		•	R					
84" HOPPER BROOM				•	•	•	•	•		•	•	•	•	R					

FEATURES

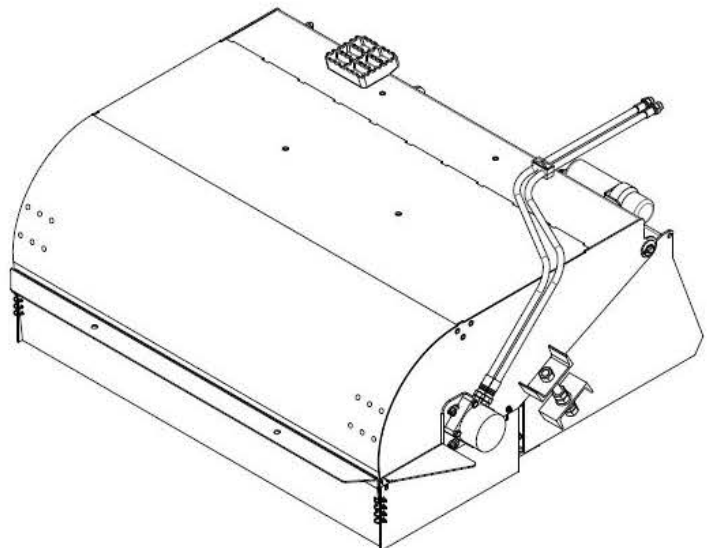
- Bi-directional motor for forward or reverse sweeping
- High capacity single drive motor for 10-25 gpm systems
- Direct drive brush motor eliminates chains and sprockets
- No caster wheel allows closer proximity to objects and better contact with sweeping surface
- Peripheral rubber skirt keeps debris and dust contained
- Combination poly and wire brush
- Replaceable bolt-on bucket edge
- No chains needed for dumping
- Optional gutter brush mounts on left or right side. Order 2 or both.

APPLICATIONS

- Street cleaning & parking lot maintenance, road maintenance clean-up, bridge deck clean-up, jobsite clean-up

REQUIREMENTS FOR OPERATION

- Standard auxiliary hydraulics



BROOMS, PICK-UP

Ex Works – Dexter, MI

Units are shipped with mounting bracket, hoses, quick disconnects.

STANDARD AUXILIARY BOOM HYDRAULICS REQUIRED	PART NUMBER	WEIGHT LB	PRICE
60" PICK-UP BROOM with poly/wire combination brush	87553107	1200	\$6,112.00
72" PICK-UP BROOM with poly/wire combination brush	87553108	1294	\$6,611.00
84" PICK-UP BROOM with poly/wire combination brush	87553109	1385	\$7,685.00

OPTIONS (Order as Needed)

Dust control kit, broom mount, (includes 25 gallon tank, nozzles and hose)	445999A1	50	\$1,195.00
Single gutter brush kit, fits 60", 72" and 84". Mounts right or left (wire only)	84124630	95	\$1,394.00
Dual gutter brush kit, fits 60", 72" and 84" (wire only)	84124631	180	\$2,787.00

30 gallon loader-mounted water kit available separately. See "Water Kit" page for details.

REPLACEMENT BRUSH SETS

Poly/wire brush set for 60" broom	84375436	97	\$416.00
Poly/wire brush set for 72" broom	84375437	113	\$487.00
Poly/wire brush set for 84" broom	84375438	134	\$582.00

MODEL COMPATIBILITY	SR130	SR150	SR175 SV185	SR200	SR220		SV250 SR250	SV300		TR270			TR320 TV380	REQ'D EQUIPMENT					
		410	420	430	440	435	445 450	465	420CT		440CT	445CT 450CT		STD FLOW	HIGH FLOW	CASE DRAIN	FRONT ELEC	DEMO DOOR	2ND AUX
60" HOPPER BROOM	•	•	•	•										R					
72" HOPPER BROOM		•	•	•	•	•	•	•	•	•	•		•	R					
84" HOPPER BROOM				•	•	•	•	•		•	•	•	•	R					

FEATURES

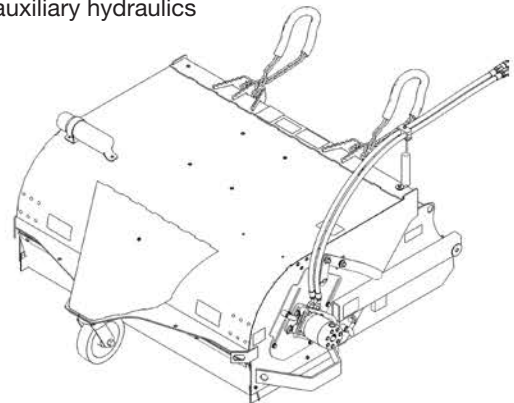
- Bi-directional motor for forward or reverse sweeping
- High capacity single drive motor for 10-23 gpm systems
- Quick-change brush without breaking hydraulic lines.
- Drive motor can be removed for brush change without tools
- No tools required for brush pattern adjustment
- "Volumizing" feature for increased bucket capacity
- Heavy duty caster wheel and wheel mount
- Integral sprinkler nozzle mounts
- Flat face hydraulic quick disconnects included
- Hydraulic hoses and disconnects included
- Optional gutter brush, mounts left, right, or in tandem
- Compatible with 40 gallon "Water Kit"
- Combination poly and wire brush
- Replaceable bolt-on bucket edge
- Direct drive brush motor eliminates chains and sprockets

APPLICATIONS

- Street cleaning & parking lot maintenance, road maintenance clean-up, bridge deck clean-up, jobsite clean-up

REQUIREMENTS FOR OPERATION

- Standard auxiliary hydraulics



BUCKETS, 4X1 (UTILITY)

Ex Works – Delhi, IA

	PART NUMBER	WEIGHT LB	PRICE
BUCKET, 4X1 UTILITY, 66" (10.2 ft³ struck/ 14.2 ft³ heaped capacity)	87648133	650	\$3,566.00
BUCKET, 4X1 UTILITY, 72" (11.2 ft³ struck/ 15.6 ft³ heaped capacity)	87648134	685	\$3,819.00

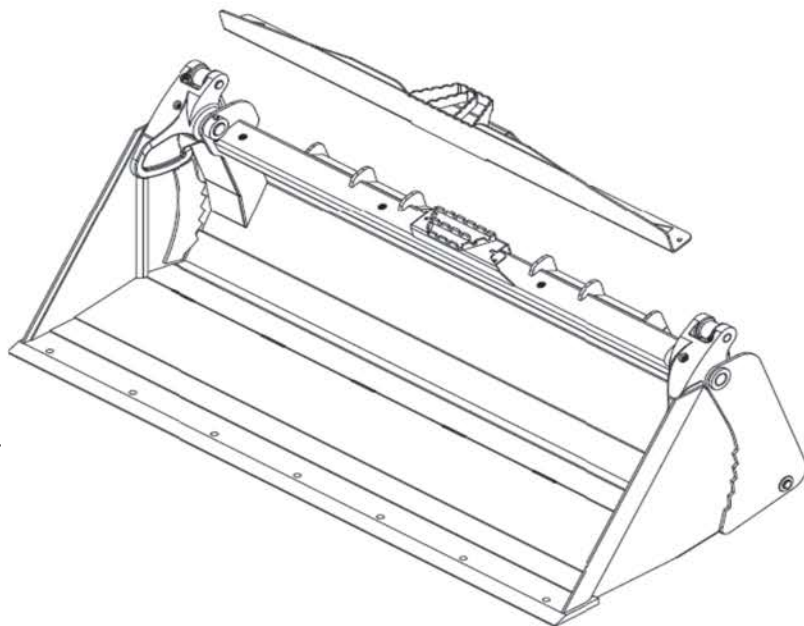
OPTIONS FOR UTILITY DUTY BUCKETS

Bolt-on spill guard for 66" 4X1 bucket	87648135	28	\$142.00
Bolt-on spill guard for 72" 4X1 bucket	87648136	30	\$139.00

MODEL COMPATIBLTY	SR130	SR150	SR175 SV185	SR200		SR220		SV250	SR250 SV300		TR270			TR320 TV380	REQ'D EQUIPMENT					
		410	420		430	440	435	445	450 465	420CT		440CT	445CT 450CT		STD FLOW	HIGH FLOW	CASE DRAIN	FRONT ELEC	DEMO DOOR	2ND AUX
66" 4x1 BUCKET (UTILITY)	•	•	•	•						•					R					
72" 4x1 BUCKET (UTILITY)		•	•	•	•	•				•					R					

FEATURES

- Includes hoses and QDs
- 2" cylinder bore; 1-1/8" diameter rod
- Fixed greaseable cylinder ends
- 10 ga. 100K psi bucket construction
- 1/2" x 4" wear strips on bucket floor
- 2,350 lb. clamping force
- 34-5/8" clam opening
- 23-1/8" floor length
- Optional spill guards increase struck capacity approx. 29% and heaped capacity approx. 24%
- Compatible with toothbars and bolt-on edges



APPLICATIONS

- Functions as a loader bucket, clam, dozer, scraper and bottom dump bucket
- Material spreading – gravel, mulch, dirt, etc.

Accessories Available from Case Parts

Width	Bolt-on Edge	Bolt-on Rezloh™ edge	Toothbar for bucket w/o bolt-on edge	Toothbar for bucket with bolt-on edge
66"	86577167	HCE86577167	9624721H	86599707H
72"	86577169	HCE86577169	9624722H	86599708H

BUCKETS, 4X1 (CONSTRUCTION)

Ex Works – Delhi, IA

	PART NUMBER	WEIGHT LB	PRICE
BUCKET, 4X1 CONSTRUCTION, 72" (12.5 ft³ struck/ 17.8 ft³ heaped)	87648161	930	\$4,283.00
BUCKET, 4X1 CONSTRUCTION, 78" (13.6 ft³ struck/19.3 ft³ heaped)	87648162	965	\$4,406.00
BUCKET, 4X1 CONSTRUCTION, 84" (14.6 ft³ struck/20.8 ft³ heaped)	87648163	1005	\$4,554.00

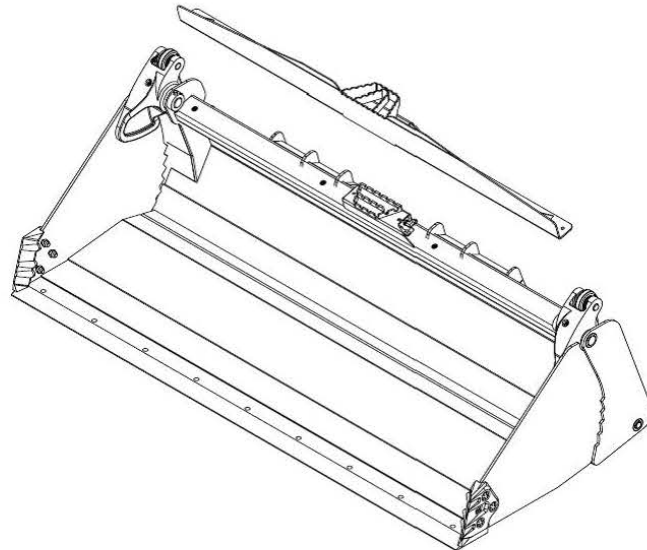
OPTIONS FOR CONSTRUCTION DUTY BUCKETS

Bolt-on spill guard for 72" 4X1 bucket	87648136	30	\$139.00
Bolt-on spill guard for 78" 4X1 bucket	87648165	33	\$165.00
Bolt-on spill guard for 84" 4X1 bucket	87648166	35	\$175.00

MODEL COMPATIBILITY	SR130 SR150		SR175 SV185		SR200 SR220		SV250 SR250	SV300		TR270			TR320 TV380	REQ'D EQUIPMENT					
	410	420		430	440	435	445 450	465	420CT		440CT	445CT 450CT		STD FLOW	HIGH FLOW	CASE DRAIN	FRONT ELEC	DEMO DOOR	2ND AUX
72" 4x1 BUCKET (CONSTR)			•	•	•	•	•	•	•	•	•			R					
78" 4x1 BUCKET (CONSTR)					•	•	•	•		•	•		•	R					
84" 4x1 BUCKET (CONSTR)						•	•	•				•	•	R					

FEATURES

- Includes hoses and QDs
- 2-1/2" cylinder bore; 1-1/4" diameter rod
- Spherical, greaseable cylinder ends
- 1" x 6" clam cutter bar
- 7 ga, 100K psi bucket construction
- 5/8" x 5" wear strips on bucket floor
- Dual pilot-operated check hydraulic system for positive load holding.
- 4,000 lb. clamping force
- 34-3/4" clam opening
- 26-5/8" floor length
- Replaceable bolt-on side cutters
- Optional spill guards (increase struck capacity approx. 26% and heaped capacity approx 21%)
- Compatible with toothbars and bolt-on edges



APPLICATIONS

- Functions as a loader bucket, clam, dozer, scraper and bottom dump bucket
- Material spreading – gravel, mulch, dirt, etc.

Accessories Available from Case Parts				
Width	Bolt-on Edge	Bolt-on Rezlo™ edge	Toothbar for bucket w/o bolt-on edge	Toothbar for bucket with bolt-on edge
72"	86577169	HCE86577169	87299776	87299779
78"	86577171	HCE86577171	87299777	87299780
84"	86577173	HCE86577173	87299778	87299781

BUCKETS, POWER SIDE DISCHARGE

Ex Works – Dexter, MI

STANDARD AUXILIARY BOOM HYDRAULICS REQUIRED	PART NUMBER	WEIGHT LB	PRICE
BUCKET, POWER SIDE DISCHARGE (sand), 60"	84195960	805	\$5,607.00
BUCKET, POWER SIDEDISCHARGE (sand), 72"	84195961	915	\$7,632.00
BUCKET, POWER SIDE DISCHARGE (sawdust), 72"	84195962	1120	\$7,170.00
BUCKET, POWER SIDE DISCHARGE (sawdust), 84"	84195963	1300	\$9,772.00

MODEL COMPATIBLTY	SR130	SR150	SR175 SV185	SR200	SR220		SV250	SR250	SV300		TR270			TR320 TV380	REQ'D EQUIPMENT						
	410	420	430	440	435	445	450	465	420CT		440CT	445CT 450CT			STD FLOW	HIGH FLOW	CASE FLOW	DRAIN	FRONT ELEC	DEMO DOOR	2ND AUX
60" 4x1 POWER SIDE DISCHARGE (SAND)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	R						
72" 4x1 POWER SIDE DISCHARGE (SAND)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	R						
72" 4x1 POWER SIDE DISCHARGE (SAWDUST)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	R						
84" 4x1 POWER SIDE DISCHARGE (SAWDUST)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	R						

FEATURES

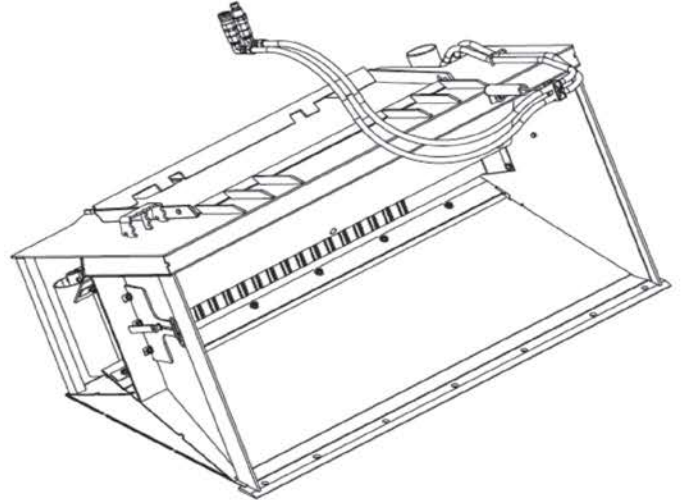
- Adjustable discharge gates
- Rubber discharge belt with exposure baffle
- Left or right discharge
- Sawdust model includes agitator to eliminate bridging

APPLICATIONS

- The power side discharge buckets are designed to collect and discharge sawdust, mulch, and sand into barns, stalls and orchards, or backfill. Capable of spreading a variety of materials such as silage, stone, or topsoil.
- Road maintenance, agriculture, landscaping, sand bagging

REQUIREMENTS

- Standard auxiliary hydraulics
- Bolt-on cutting edge recommended (see below)



	WEIGHT (lbs.)	HEIGHT (in.)	DEPTH (in.)	CAPACITY (yd³)	Material Performance Rating*					
					Sand	Aggregate	Topsoil	Sawdust	Mulch	Silage
60" (SAND)	869	31.8	39.5	0.55	Best	Good	Good	Poor	Poor	Fair
72" (SAND)	959	31.8	39.5	0.68	Best	Good	Good	Poor	Poor	Fair
72" (SAWDUST)	1,184	45.3	47	1.34	Fair	Fair	Fair	Best	Best	Good
84" (SAWDUST)	1,328	45.3	47	1.58	Fair	Fair	Fair	Best	Best	Good

* Ratings consider the material to be in a typical working condition with respect to moisture content. In most cases, as moisture content increases, performance will be adversely affected.

Accessories Available from Case Parts		
Width	Bolt-on Edge	Hardware kit
60"	86577165	86635434
72"	86577169	86635434
84"	86577173	86635435

CHIPPER

Ex Works – W. Fargo, ND

AUXILIARY BOOM HYDRAULICS REQUIRED (High Flow as indicated)	PART NUMBER	WEIGHT LB	PRICE
MODEL 74500 STANDARD FLOW CHIPPER	87330077	1145	\$9,814.00
MODEL 74800 HIGH FLOW CHIPPER	87330078	1525	\$13,249.00

MODEL COMPATIBLTY	SR130 SR150		SR175 SV185	SR200	SR220		SV250 SR250	SV300		TR270			TR320 TV380	REQ'D EQUIPMENT						
		410	420	430	440	435	445 450	465	420CT		440CT	445CT 450CT		STD FLOW	HIGH FLOW	CASE DRAIN	FRONT ELEC	DEMO DOOR	2ND AUX	
CHIPPER - STD. FLOW		•	•	•	•	•	•	•	•	•	•	•	•	R		R				
CHIPPER - HIGH FLOW			•	•	•	•	•	•	•	•	•	•	•		R	R				

SPECIFICATIONS		
MODEL	74500	74800
Hydraulics	standard-flow, min. 15 gpm	high-flow, min. 25 gpm
Feed Opening Size	5 1/2" x 7"	9" x 9"
Continuous Chipping Size	3"	5"
Feed System	Variable hydraulic	Variable hydraulic
Chipper Disc	20" x 1-1/4" 140 lbs.	30" x 1-1/4" 275 lbs.
Operating Weight (lbs.)	1,145	1,525

FEATURES

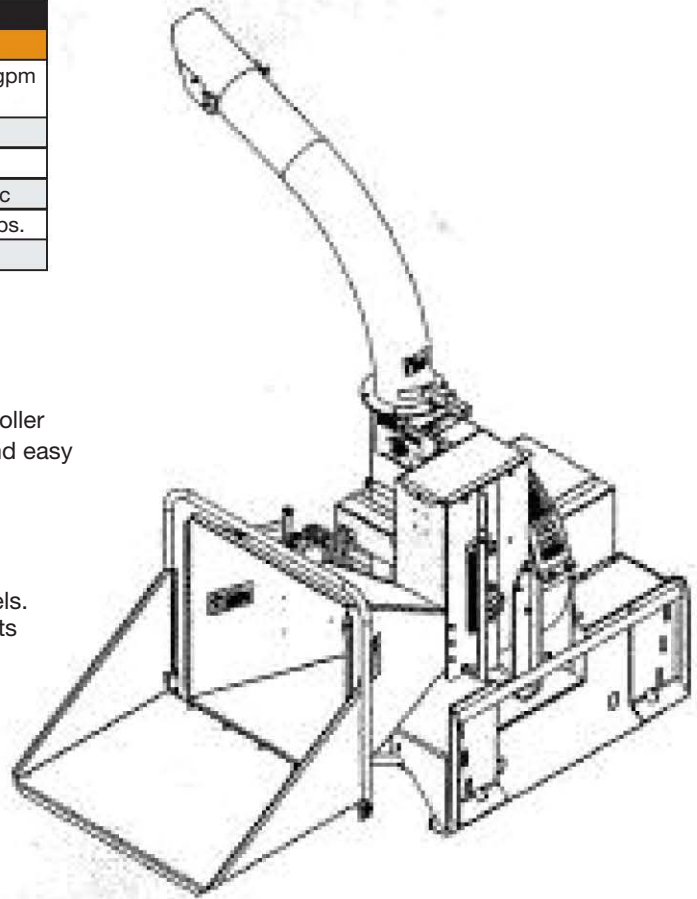
- Chipper has two mounts, so it can be set to feed in front or to the curb side
- Four position manual valve easily controls the hydraulic feed roller
- Built-in hydraulic jack makes feed roller maintenance quick and easy
- Infinitely variable feed roll speed
- Feed roll control lever accessible on both sides of unit

REQUIREMENTS FOR OPERATION

- Case drain line required for both standard and high flow models. Case drain kit available for 400-series loaders. See loader parts catalog for prior models.
- Standard flow, min. 15 gpm for Model 74500
- High flow, min. 25 gpm for Model 74800

APPLICATIONS

- Chip brush, limbs from tree trimming, land clearing and storm damage clean-up



COLD PLANERS, HIGH FLOW

Ex Works – Delhi, IA

HIGH FLOW COLD PLANER

For specified skid-steer loaders equipped with optional high flow, auxiliary boom hydraulics. Includes drum, hydraulic depth, tilt, hydraulic sideshift, hoses, fittings and quick couplers.

	PART NUMBER	WEIGHT LB	PRICE
COLD PLANER HP16* - 16" with hydr. controls (22 - 28 gpm)	84539377	2150	\$ 19,331.00
COLD PLANER HP18 - 18" with hydr. controls (22 - 28 gpm)	84539378	2200	\$19,989.00
COLD PLANER HP16* - 16" with hydr. controls (31 - 35 gpm)	84539379	2150	\$19,341.00
COLD PLANER HP18 - 18" with hydr. controls (31 - 35 gpm)	84539380	2200	\$19,999.00
COLD PLANER HP24 - 24" with hydr. controls (31 - 35 gpm)	84539381	2400	\$22,954.00
COLD PLANER HP30 - 30" with hydr. Controls (31 - 35 gpm)	84539382	2600	\$23,832.00
COLD PLANER HP40 - 40" with hydr. controls (31 - 35 gpm)	84539383	3100	\$29,217.00
EHF COLD PLANER HP24 - 24" with hydr. Controls (31 - 35 gpm)	84523776	2400	\$23,241.00
EHF COLD PLANER HP30 - 30" with hydr. Controls (31 - 35 gpm)	84523778	2600	\$24,119.00
EHF COLD PLANER HP40 - 40" with hydr. Controls (31 - 35 gpm)	84523780	3100	\$29,504.00

*16" drum installed in 18" housing.

ADDITIONAL COMPONENTS (Order as Needed)

2.5" slot cutting drum for HP16, HP18, HP24, HP30, HP40	87045459	120	\$1,755.00
4" slot cutting drum for HP16, HP18, HP24, HP30, HP40	87045460	135	\$1,785.00
6" slot cutting drum for HP16, HP18, HP24, HP30, HP40	87045461	150	\$2,121.00
Wire harness adapter (adapts pre-9/1/2001 75XT, 85XT, 90XT, 95XT w/8-pin connector to 14-pin connector)	87048529	2	\$147.00
Water nozzle kit, includes 3 spray nozzles, tubing and fitting to reach coupler on loader boom for SP12 - HP30	87045462	10	\$520.00
Water nozzle kit, includes 4 spray nozzles, tubing and fitting to reach coupler on loader boom for HP40	87326406	12	\$278.00

30 gallon pressurized Water Kit available. See "Water Kit" page for details

MODEL COMPATIBLTY	SR130 SR150		SR175 SV185		SR200	SR220	SV250		SR250	SV300			TR270		TR320 TV380	REQ'D EQUIPMENT							
	410	420		430		440 435	445 450	465			420CT	440CT		445CT 450CT		STD FLOW	HIGH FLOW	EHF	CASE DRAIN	FRONT ELEC	DEMO DOOR	2ND AUX	
16" COLD PLANER (22-28)			•														R		R	R			
18" COLD PLANER (22-28)			•														R		R	R			
16" COLD PLANER (31-35)		•		•	•	•	•	•	•	•	•	•	•	•	•		R		R	R			
18" COLD PLANER (31-35)				•	•	•	•	•	•	•		•	•	•	•		R		R	R			
24" COLD PLANER (31-35)					•	•	•	•	•	•		•	•	•	•		R		R	R			
30" COLD PLANER (31-35)						•	•	•	•	•		•		•	•		R		R	R			
40" COLD PLANER (31-35)							•	•	•	•				•	•		R		R	R			
EHF 24" COLD PLANER (22-28)									•	•					•	R		R	R	R			
EHF 30" COLD PLANER (22-28)									•	•					•	R		R	R	R			
EHF 40" COLD PLANER (22-28)									•	•					•	R		R	R	R			

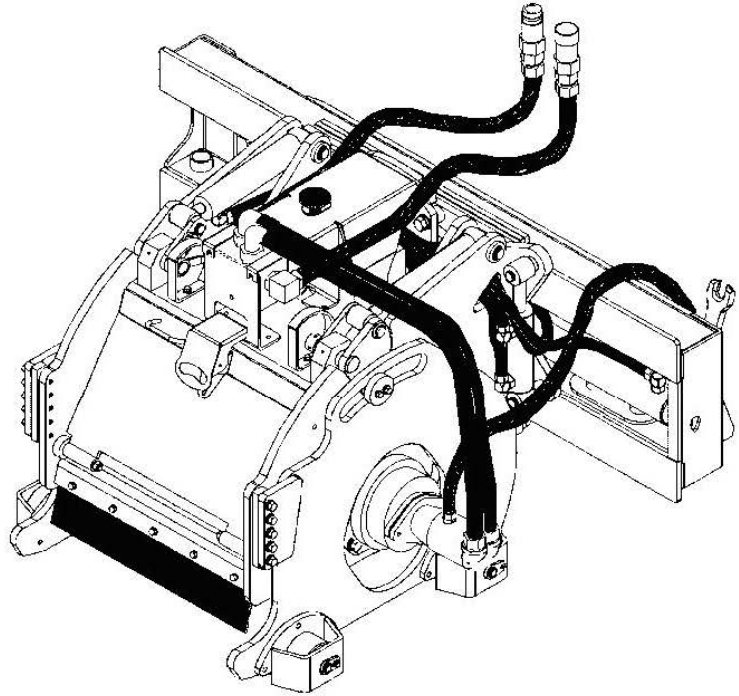
Cold Planers, High Flow (Continued next page)

COLD PLANERS, HIGH FLOW

Ex Works – Delhi, IA

FEATURES

- Convenient for planing frost heaves, expansion joints, and removing lane markings
- Independent pivoting head for better contour tracking
- Removable wheels for planing next to curbs and obstructions
- Hinged cover for pick maintenance access; pick Maintenance tool included
- Solid steel wheel construction (hardened) with greasable manifold pins and secluded zerks
- Plated and powder-coated surfaces offer resistance to harsh environments
- High rear spoil clearance to prevent recirculation of material
- T1 steel construction in high wear areas
- $\pm 8^\circ$ tilt capability
- 0-5" cutting depth, 0-19" sideshift center to right
- Convenient, fully electro-hydraulic, in-cab control for depth, tilt, and sideshift
- Depth and tilt position indicators
- Planetary drive delivers high torque
- Protective shields for hydraulic and electrical components
- Independent self-leveling depth adjustment shoe depth adjustment allows for precise lapping cuts and taper cuts (i.e. multiple pass and approaches to RR crossings)
- Efficient piston drive motor
- Planetary drive delivers high torque
- Universal, general purpose picks standard



REQUIREMENTS FOR OPERATION

- High flow auxiliary hydraulics (EHF for specified units)
- Front electric control kit
- Case drain

APPLICATIONS

- For heavy duty planing jobs, including milling transition and repair areas, frost heaves and expansion joints

COLD PLANERS, STANDARD FLOW

Ex Works – Delhi, IA

STANDARD FLOW COLD PLANER

For specified skid-steer loaders equipped with standard auxiliary boom hydraulics. Includes drum, manual depth and tilt, hydraulic sideshift, hoses, fittings and quick couplers. Fully hydraulic controls are optional.

STANDARD BOOM HYDRAULICS (12 - 22 gpm)	PART NUMBER	WEIGHT LB	PRICE
COLD PLANER SP12M-12" manual controls	87048530	1450	\$11,517.00
COLD PLANER SP12H -12" with hydraulic controls. Requires front electric kit.	87048531	1500	\$13,967.00

ADDITIONAL COMPONENTS (Order as Needed)

2.5" slot cutting drum for SP12	87045458	90	\$1,395.00
Water nozzle kit, includes 3 spray nozzles, tubing, and fitting to reach coupler on loader boom for SP12 - HP 30	87045462	10	\$ 520.00
Wire harness adapter (adapts pre-9/1/2001 75XT, 85XT, 90XT, 95XT w/8-pin connector to 14-pin connector)	87048529	2	\$147.00

MODEL COMPATIBILITY	SR130 SR150		SR175 SV185	SR200	SR220		SV250 SR250	SV300		TR270			TR320 TV380	REQ'D EQUIPMENT					
		410	420	430	440	435	445 450	465	420CT		440CT	445CT 450CT		STD FLOW	HIGH FLOW	CASE DRAIN	FRONT ELEC	DEMO DOOR	2ND AUX
12" COLD PLANER - MANUAL (12-22)	•	•	•	•	•	•	•	•	•	•	•	•	•	R					
12" COLD PLANER - HYD (12-22)		•	•	•	•	•	•	•	•	•	•	•	•	R			R		

FEATURES

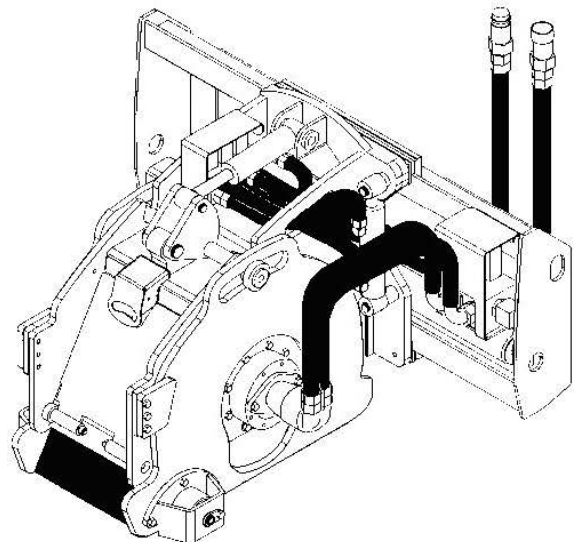
- Independent pivoting head for better contour tracking
- Removable wheels for planing next to curbs and obstructions
- Hinged cover for pick maintenance access
- Solid steel wheel construction (hardened) with greasable manifold pins and sealed zerks
- Pick maintenance tool included
- Plated and powder-coated surfaces offer resistance to harsh environments
- High rear spoil clearance to prevent recirculation of material
- T1 steel construction in high wear areas
- 19" drum diameter with 37 general purpose carbide picks
- ± 11° tilt capability
- 0-5" cutting depth, 0-19" sideshift center to right
- Manual depth and tilt, hydraulic sideshift on SP12M
- Fully electro-hydraulic, in-cab control for depth, tilt, and sideshift on SP12H
- Depth and tilt position indicators
- Planetary drive delivers high torque
- Protective shields for hydraulic and electrical components
- Integral water nozzle ports
- Universal, general purpose picks standard

REQUIREMENTS FOR OPERATION

- Standard auxiliary hydraulics
- Front electric kit (SP12H)

APPLICATIONS

- Convenient for planing frost heaves, expansion joints, and removing lane markings



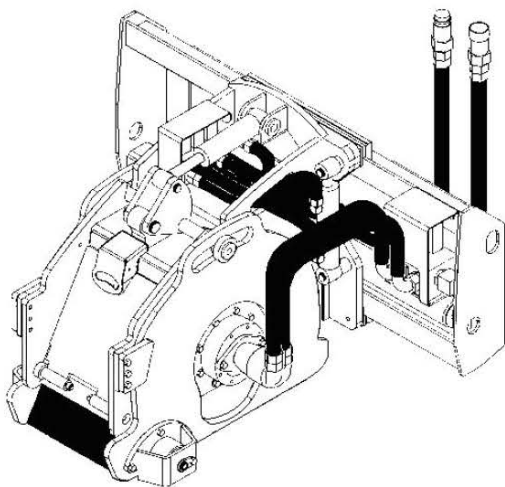
Cold Planers, High Flow (Continued next page)

COLD PLANERS - SPECIFICATIONS

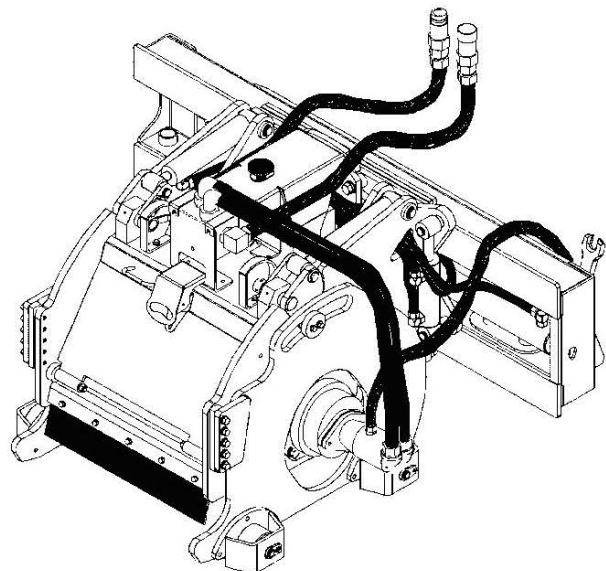
Ex Works – Delhi, IA

SPECIFICATIONS						
MODEL	SP12	HP16*	HP18	HP24	HP30	HP 40
Operating Weight - lb. (kg)	1400 (635)	2100 (952)	2150 (975)	2350 (1066)	2550 (1157)	3100 (1338)
Cutting Depth - in. (mm)	0-5 (0-127)	0-5 (0-127)	0-5 (0-127)	0-5 (0-127)	0-5 (0-127)	0-5 (0-127)
Cutting Width - in. (mm)	12 (305)	16 (450)	18 (450)	24 (600)	30 (762)	40 (1016)
Drum Diameter - in. (mm)	19 (482)	22 (559)	22 (559)	22 (559)	22 (559)	22 (559)
Tilt	± 11°	± 8°	± 8°	± 8°	± 8°	± 8°
Sideshift - in. (mm)	0-19 (0-483) center to right	-3-22 (-76-560) center to right	-3-22 (-76-560) center to right	-3-22 (-76-560) center to right	-3-22 (-76-560) center to right	-3-22 (-76-560) center to right
Hydraulic requirement- gpm (l/m)	12- 22 (45-83)	22-28 or 31-35 (83-151 or 117-132)	22-28 or 31-35 (83-151 or 117-132)	31 - 35 (117-132)	31 - 35 (117-132)	31 - 35 (117-132)
Hydraulic requirement - psi (bar)	2500-3000 (172-206)	2500-3000 (172-206)	2500-3500 (172-241)	2500-3500 (172-241)	2500-3500 (172-241)	2500-3500 (172-241)
EHF Hydraulic requirement -psi (bar)				4000 (275)	4000 (275)	4000 (275)
Wheels/shoes	Both with independent left/right control	Both with independent left/right control	Both with independent left/right control	Both with independent left/right control	Both with independent left/right control	Both with independent left/right control
Drive	Planetary	Planetary	Planetary	Planetary	Planetary	Planetary
Controls	Manual - SP12 Hyd. - SP12H hy- draulic optional	Full hydraulic with in-cab controls	Full hydraulic with in-cab controls	Full hydraulic with in-cab controls	Full hydraulic with in-cab controls	Full hydraulic with in-cab controls
No. of Carbide Picks	37	43	45	57	69	89

* 16" drum installed in 18" housing.



SP12



HP24

CONCRETE BUCKET

Ex Works – Dexter, MI

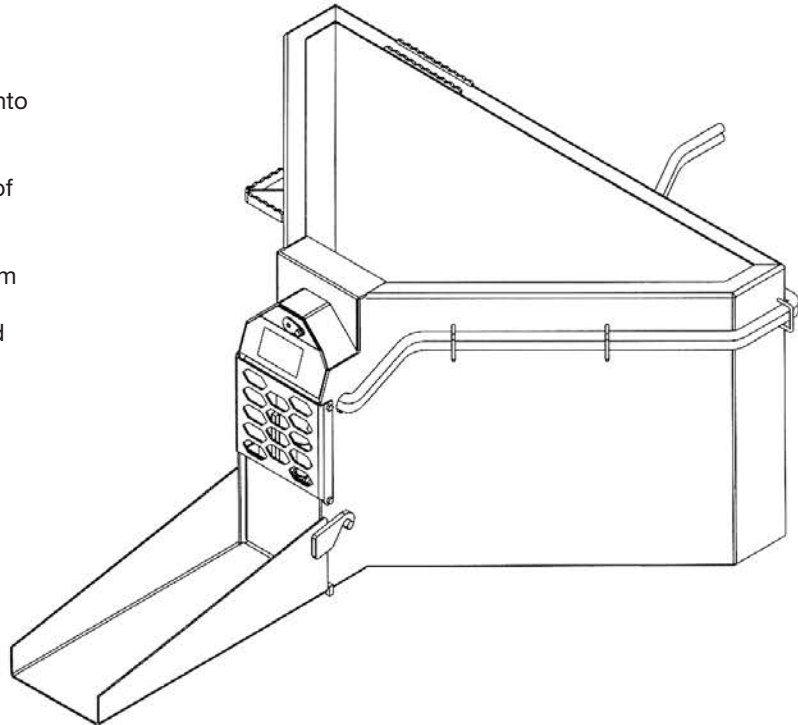
Unit complete with bucket, mounting bracket, hoses, quick couplers and chute extensions.

STANDARD AUXILIARY BOOM HYDRAULICS REQUIRED	PART NUMBER	WEIGHT LB	PRICE
C50 CONCRETE BUCKET (1/2 yd cap.)	87398932	450	\$2,704.00
C75 CONCRETE BUCKET (3/4 yd cap.)	87398933	500	\$2,018.00

MODEL COMPATIBILITY	SR130 SR150		SR175 SV185	SR200	SR220		SV250 SR250	SV300		TR270			TR320 TV380	REQ'D EQUIPMENT					
		410	420	430	440	435	445 450	465	420CT		440CT	445CT 450CT		STD FLOW	HIGH FLOW	CASE DRAIN	FRONT ELEC	DEMO DOOR	2ND AUX
C50 CONCRETE BUCKET	•	•	•	•	•	•	•	•	•	•	•	•	•	R					
C75 CONCRETE BUCKET					•	•	•	•		•		•	•	R					

FEATURES

- Hydraulically actuated gate for precise concrete metering
Dispenses concrete safely and easily into column and wall forms
- Ideal for pools and patios
- Quick, clean and accurate placement of concrete without a wheelbarrow
- Removable chute extension
- Safety door keeps co-workers safe from dispensing gate
- 58" wide. Can be easily picked up and transported in a standard 60" bucket



CONCRETE CLAW

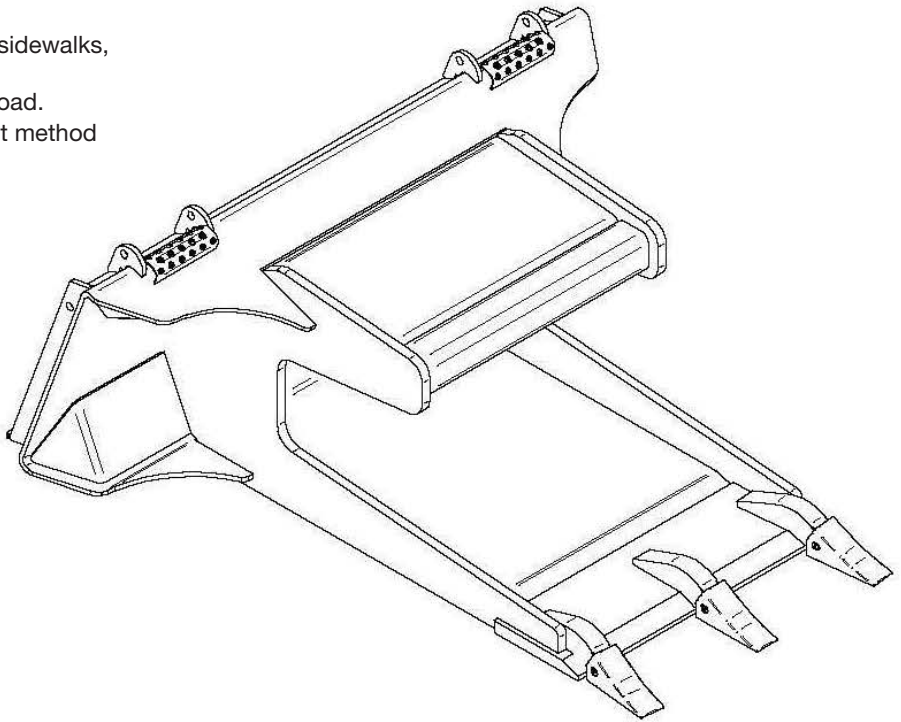
Ex Works – Dexter, MI

	PART NUMBER	WEIGHT LB	PRICE
CONCRETE CLAW	87045489	575	\$2,305.00

MODEL COMPATIBILITY	SR130 SR150	SR175 SV185	SR200	SR220		SV250 SR250	SV300		TR270			TR320 TV380	REQ'D EQUIPMENT					
	410	420	430	440	435	445 450	465	420CT		440CT	445CT 450CT		STD FLOW	HIGH FLOW	CASE DRAIN	FRONT ELEC	DEMO DOOR	2ND AUX
C50 CONCRETE BUCKET	•	•	•	•	•	•	•	•	•	•	•	•						

FEATURES

- Excellent attachment for concrete removal on sidewalks, driveways or any construction site.
- Slide the claw teeth under the concrete, lift & load.
- Allows for a cleaner, quicker, and more efficient method of concrete removal.
- Features name-brand replaceable points with 1-1/2" wide shanks.
- Rubberized flex pins securely fasten replaceable points.
- End plates and tooth shanks are made with high strength T-1 steel.
- 1" x 8" wear resistant steel tapered cutting edge.



DOZER BLADES

Ex Works – W. Fargo, ND

STANDARD AUXILIARY BOOM HYDRAULICS REQUIRED	PART NUMBER	WEIGHT LB	PRICE
PL1300 DOZER BLADE, 72"	87387403	1360	\$6,327.00
PL1300 DOZER BLADE, 84"	87387404	1440	\$6,434.00
PL1300 DOZER BLADE, 96"	87387405	1490	\$6,539.00

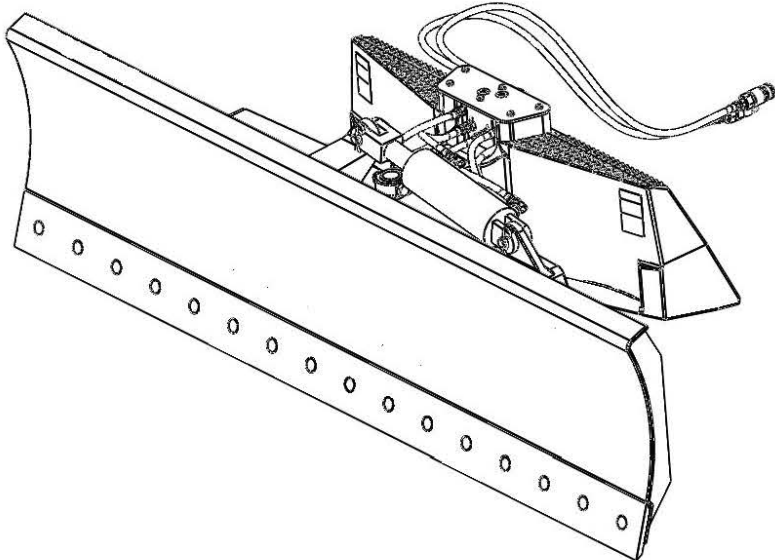
BASE UNIT OPTIONS (Must Order One for Complete Unit)

Universal wiring kit (includes full wiring to cab and battery with cab -mounted switch)	87015256	3	\$81.00
Wiring adapter kit (for use with loaders equipped with front electric kit. Includes adapter to 14-pin boom connector).	86602638	2	\$107.00
Wire harness adapter (adapts pre-9/1/2001 75XT, 85XT, 90XT, 95XT w/8-pin connector to 14-pin connector)	87048529	2	\$ 147.00

MODEL COMPATIBILITY	SR130 SR150	SR175 SV185	SR200	SR220		SV250 SR250	SV300		TR270			TR320 TV380	REQ'D EQUIPMENT					
	410	420	430	440	435	445 450	465	420CT		440CT	445CT 450CT		STD FLOW	HIGH FLOW	CASE DRAIN	FRONT ELEC	DEMO DOOR	2ND AUX
72" DOZER BLADE	•	•	•	•	•			•	•	•			R			O		
84" DOZER BLADE		•	•	•	•	•	•	•	•	•		•	R			O		
96" DOZER BLADE			•	•	•	•	•				•	•	R			O		

FEATURES

- Rugged, heavy-duty cast moldboard and mounting frame
- Bolt-on reversible cutting edge
- Adjustable skid shoes - standard
- Blade angles 30 degrees left or right
- Blade tilts 10 degrees



GRADER RAKES

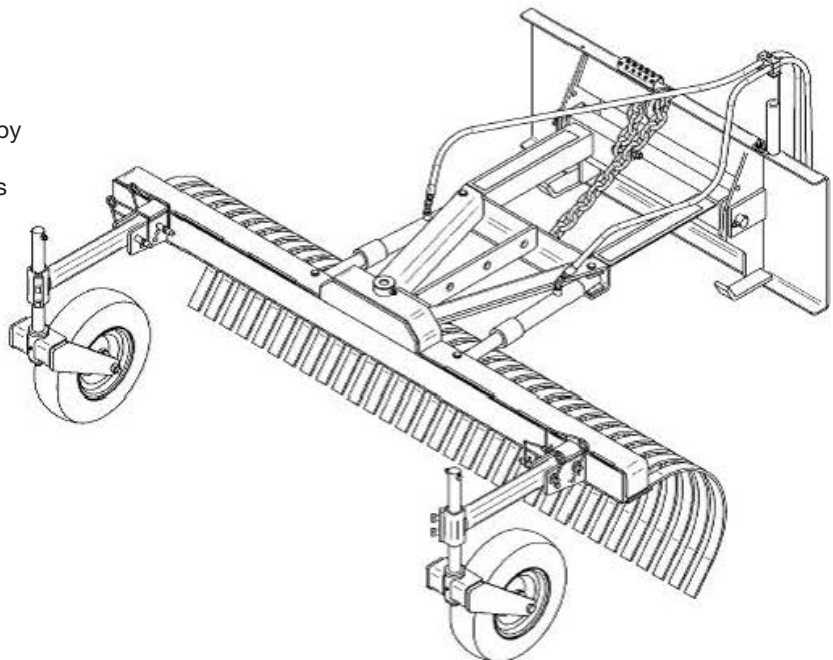
Ex Works – Dexter, MI

STANDARD AUXILIARY BOOM HYDRAULICS REQUIRED	PART NUMBER	WEIGHT LB	PRICE
GRADER RAKE, 82"	87382026	865	\$3,871.00
GRADER RAKE, 92"	87382027	885	\$4,824.00
GRADER RAKE, 97"	87382028	905	\$4,633.00
GRADER RAKE, 102"	87382029	925	\$5,012.00

MODEL COMPATIBILITY	SR130 SR150	SR175 SV185	SR200	SR220		SV250 SR250	SV300		TR270			TR320 TV380	REQ'D EQUIPMENT					
	410	420	430	440	435	445 450	465	420CT		440CT	445CT 450CT		STD FLOW	HIGH FLOW	CASE DRAIN	FRONT ELEC	DEMO DOOR	2ND AUX
GRADER RAKE, 82"	•	•	•	•	•	•	•	•	•	•	•	•	R					
GRADER RAKE, 92"	•	•	•	•	•	•	•	•	•	•	•	•	R					
GRADER RAKE, 97"		•	•	•	•	•	•	•	•	•	•	•	R					
GRADER RAKE, 102"			•	•	•	•	•				•	•	R					

FEATURES

- Separates debris for site clean-up
- Scarifies and levels hard packed soil
- Full floating design follows compound grades
- Increases productivity over conventional rake by operating in a forward direction
- Oscillates from side-to-side for crowning roads
- Angles to 35° left or right
- Caster wheels out front for accurate leveling
- Hydraulic hoses included
- Tines increase digging action for grading.
- Hydraulic quick disconnects included
- 16" x 4-1/2" tires (2)



GRAPPLES, BRUSH (CONSTRUCTION)

Ex Works – Delhi, IA

BASE UNITS (include hoses and QDs)

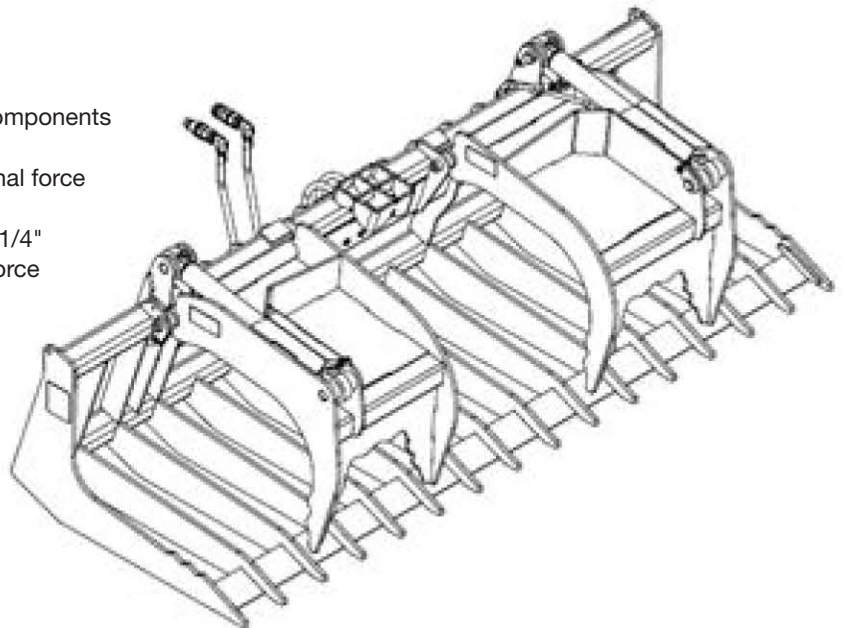
	PART NUMBER	WEIGHT LB	PRICE
72" CONSTRUCTION BRUSH GRAPPLE *	87678207	925	\$4,453.00
78" CONSTRUCTION BRUSH GRAPPLE *	87678208	999	\$4,694.00
84" CONSTRUCTION BRUSH GRAPPLE *	87678209	1054	\$4,936.00
90" CONSTRUCTION BRUSH GRAPPLE *	87678210	1105	\$5,056.00

*Compatible with some CWL models

MODEL COMPATIBILITY	SR130 SR150	SR175	SV185	SR200	SR220		SV250 SR250	SV300		TR270			TR320 TV380	REQ'D EQUIPMENT					
	410		420	430	440	435	445 450	465	420CT		440CT	445CT 450CT		STD FLOW	HIGH FLOW	CASE DRAIN	FRONT ELEC	DEMO DOOR	2ND AUX
72" BRUSH GRAPPLE (CONST.)			•	•	•	•	•	•	•	•	•			R					
78" BRUSH GRAPPLE (CONST.)				•	•	•	•	•	•	•	•		•	R					
84" BRUSH GRAPPLE (CONST.)							•	•				•	•	R					
90" BRUSH GRAPPLE (CONST.)							•	•				•	•	R					

FEATURES

- Dual, independent grapples
- 6" tine spacing
- Standard cylinder guards protect all cylinder components
- 1-1/4" cylinder pivot pins
- 1-1/4" x 24" grapple pins greatly reduce torsional force
- 1/2" end plates
- Cushioned and sleeved cylinders – 2" x 8" x 1-1/4"
- Standard load check valve for positive clamp force
- 100K PSI yield strength tine material
- Throat opening grapple open – 40"
- Throat opening grapple closed – 16-1/2"
- Overall depth – 39"



GRAPPLES, BRUSH (UTILITY)

Ex Works – Delhi, IA

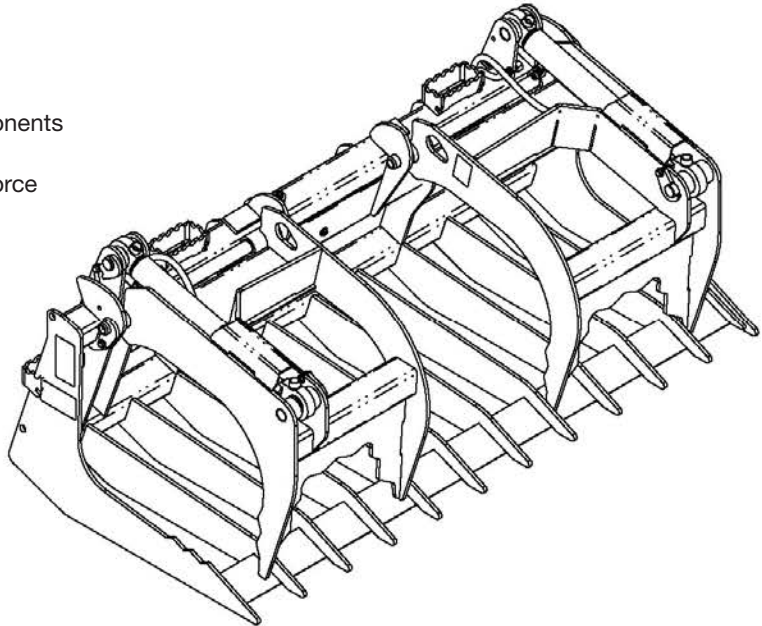
BASE UNITS (include hoses and QDs)

STANDARD AUXILIARY BOOM HYDRAULICS REQUIRED	PART NUMBER	WEIGHT LB	PRICE
66" UTILITY BRUSH GRAPPLE	47443896	810	\$3,935.00
72" UTILITY BRUSH GRAPPLE	47443897	845	\$4,096.00

MODEL COMPATIBILITY	SR130	SR150	SR175 SV185	SR200	SR220		SV250 SR250	SV300		TR270			TR320 TV380	REQ'D EQUIPMENT						
		410	420	430	440	435	445 450	465	420CT		440CT	445CT 450CT		STD FLOW	HIGH FLOW	CASE DRAIN	FRONT ELEC	DEMO DOOR	2ND AUX	
66" UTILITY BRUSH GRAPPLE	•	•	•						•					R						
72" UTILITY BRUSH GRAPPLE		•	•	•					•					R						

FEATURES

- Dual, independent grapples
- 6" tine spacing
- Standard cylinder guards protect all cylinder components
- 1-1/4" cylinder pivot pins
- 1-1/4" x 24" grapple pins greatly reduce torsional force
- 3/8" end plates
- Cushioned and sleeved cylinders – 2" x 8" x 1-1/4"
- Standard load check valve for positive clamp force
- 100K PSI yield strength tine material
- Throat opening grapple open – 29"
- Throat opening grapple closed – 17-3/8"
- Overall depth – 36"



GRAPPLE, LOG

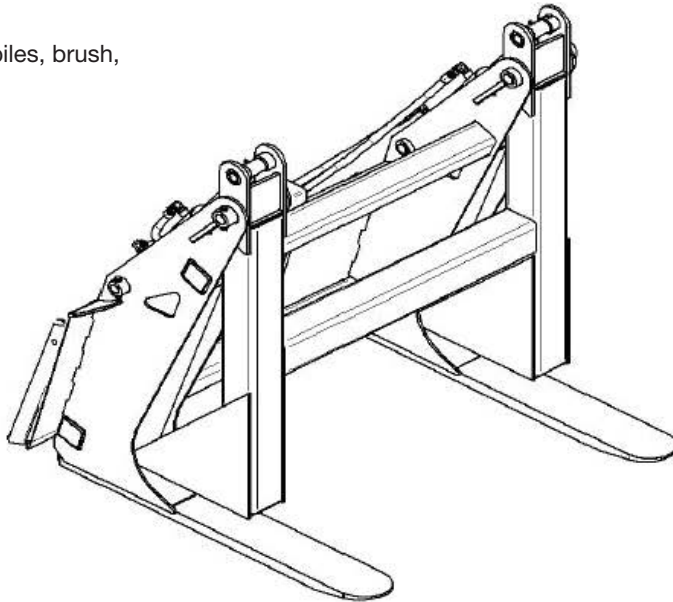
Ex Works – Delhi, IA

STANDARD AUXILIARY BOOM HYDRAULICS REQUIRED	PART NUMBER	WEIGHT LB	PRICE
LOG GRAPPLE	87382066	650	\$4,827.00

MODEL COMPATIBLTY	SR130 SR150	SR175 SV185	SR200	SR220		SV250 SR250	SV300		TR270			TR320 TV380	REQ'D EQUIPMENT					
	410	420	430	440	435	445 450	465	420CT		440CT	445CT 450CT		STD FLOW	HIGH FLOW	CASE DRAIN	FRONT ELEC	DEMO DOOR	2ND AUX
LOG GRAPPLE	•	•	•	•	•	•	•	•	•	•	•	•	R					

FEATURES

- Excellent attachment for handling logs, piles, brush, and other bulky materials
- 2" x 8" hydraulic cylinders
- Closes to 6" log or pipe
- 43-1/8" open height
- 29-1/2" fork length



GRAPPLE, SCRAP (CONSTRUCTION)

Ex Works – Delhi, IA

BASE UNITS (include hoses and QDs)

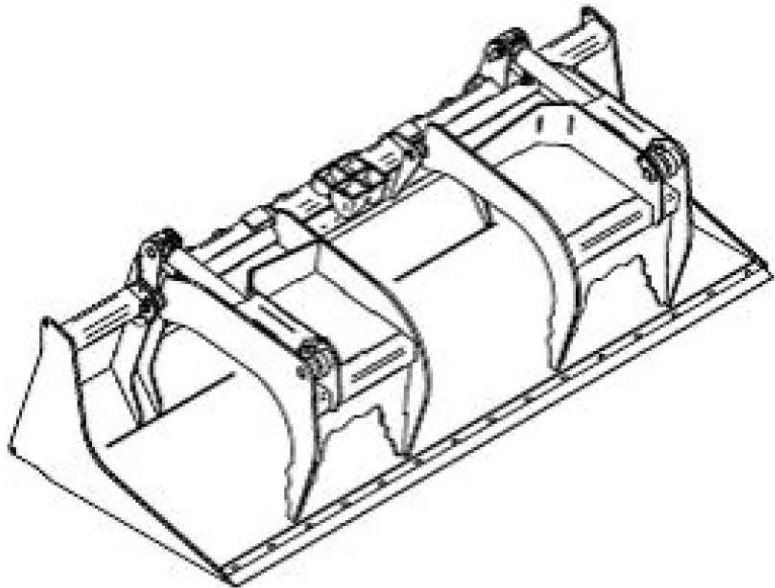
	PART NUMBER	WEIGHT LB	PRICE
76" CONSTRUCTION SCRAP GRAPPLE *	87677288	1081	\$4,640.00
82" CONSTRUCTION SCRAP GRAPPLE *	87677289	1133	\$4,936.00
88" CONSTRUCTION SCRAP GRAPPLE *	87677290	1180	\$5,243.00

*Compatible with some CWL models

MODEL COMPATIBILITY	SR130 SR150	SR175	SV185	SR200	SR220		SV250 SR250	SV300		TR270			TR320 TV380	REQ'D EQUIPMENT					
	410		420	430	440	435	445 450	465	420CT		440CT	445CT 450CT		STD FLOW	HIGH FLOW	CASE DRAIN	FRONT ELEC	DEMO DOOR	2ND AUX
76" SCRAP GRAPPLE (CONST.)			•	•	•	•	•	•	•	•	•		•	R					
82" SCRAP GRAPPLE (CONST.)						•	•	•			•		•	R					
88" SCRAP GRAPPLE (CONST.)							•	•				•	•	R					

FEATURES

- Standard cylinder guards protect all cylinder components
- Standard load check valve for positive clamp force
- Dual independent grapples
- 1-1/4" cylinder pivot pins
- 1-1/4" x 24" grapple pins reduce torsional force
- 1/2" end plates
- Cushioned cylinders – 2" x 8" x 1-1/4"
- Bucket edge drilled for replaceable edge
- Throat opening grapple open – 40"
- Throat opening grapple closed – 20"
- Overall Depth – 38"
- Includes hoses and quick disconnects



Accessories Available from CNH Parts

Width	Bolt-on Edge
76"	86577171
82"	86577173
88"	85999108

GRAPPLE, SCRAP (UTILITY)

Ex Works – Delhi, IA

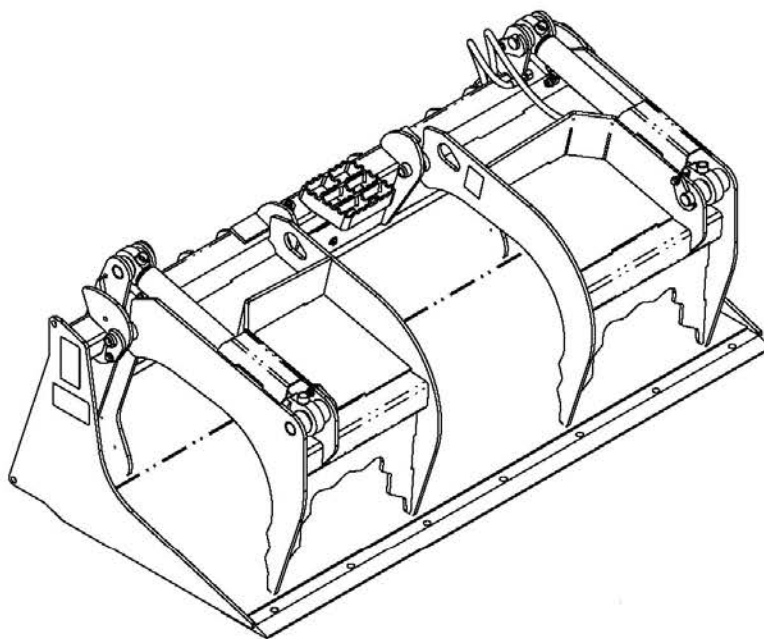
BASE UNITS (include hoses and QDs)

	PART NUMBER	WEIGHT LB	PRICE
60" UTILITY SCRAP GRAPPLE	47443888	808	\$3,850.00
66" UTILITY SCRAP GRAPPLE	47443890	858	\$4,008.00
72" UTILITY SCRAP GRAPPLE	47443892	905	\$4,158.00

MODEL COMPATIBILITY	SR130	SR150		SR175	SV185		SR200		SR220	SV250	SR250	SV300		TR270			TR320	TV380	REQ'D EQUIPMENT					
		410	420			430		440	435	445	450	465	420CT		440CT	445CT	450CT		STD FLOW	HIGH FLOW	CASE DRAIN	FRONT ELEC	DEMO DOOR	2ND AUX
60" UTILITY SCRAP GRAPPLE	•	•																	R					
66" UTILITY SCRAP GRAPPLE	•	•	•				•						•						R					
72" UTILITY SCRAP GRAPPLE		•	•	•		•	•	•					•						R					

FEATURES

- Includes hoses and quick disconnects
- Dual independent grapples
- Standard cylinder guards protect all cylinder components
- Standard load check valve for positive clamp force
- 1-1/4" cylinder pivot pins
- 1-1/4" x 24" grapple pins reduce torsional force
- 1/2" end plates
- Cushioned cylinders – 2" x 8" x 1-1/4"
- Bucket edge drilled for replaceable edge
- Throat opening grapple open – 34"
- Throat opening grapple closed – 19-3/4"
- Overall Depth – 36"



Accessories Available from CNH Parts

Width	Bolt-on Edge
60"	86577165
66"	86577167
72"	86577169

HARLEY POWER BOX RAKE®

Ex Works – Dexter, MI

BASE UNITS (includes: rake head, angling mounting frame, QDs and hoses)

STANDARD AUXILIARY BOOM HYDRAULICS REQUIRED	PART NUMBER	WEIGHT LB	PRICE
POWER BOX RAKE, 72" MANUAL ANGLE	84160162	1150	\$9,346.00
POWER BOX RAKE, 72" HYDR ANGLE	84160163	1175	\$10,279.00
POWER BOX RAKE, 84" MANUAL ANGLE	84160164	1350	\$9,696.00
POWER BOX RAKE, 84" HYDR ANGLE	84160165	1400	\$10,864.00
POWER BOX RAKE, 90" MANUAL ANGLE	84160166	1620	\$10,514.00
POWER BOX RAKE, 90" HYDR ANGLE	84160167	1670	\$11,681.00

ADDITIONAL COMPONENTS (Must order Electric Control Kit for hyd. angle units)

Electric Control Kit for loaders not equipped with factory Front Electric kit.	84372934	5	\$188.00
Electric Control Kit for loaders equipped with new style Front Electric kit w/14 pin round connector	87023319	2	\$234.00
Electric Control Kit for loaders equipped with previous XT-style Front Electric kit 305359A1 w/8 pin rectangular connector	87383458	2	\$124.00

MODEL COMPATIBILITY	SR130 SR150	SR175 SV185	SR200	SR220		SV250 SR250	SV300		TR270			TR320 TV380	REQ'D EQUIPMENT					
	410	420	430	440	435	445 450	465	420CT		440CT	445CT 450CT		STD FLOW	HIGH FLOW	CASE DRAIN	FRONT ELEC	DEMO DOOR	2ND AUX
POWER BOX RAKE, 72" (MAN)	•	•	•	•	•	•		•	•	•			R					
POWER BOX RAKE, 72" (HYD)	•	•	•	•	•	•		•	•	•			R			O		
POWER BOX RAKE, 84" (MAN)		•	•	•	•	•	•	•	•	•		•	R			O		
POWER BOX RAKE, 84" (HYD)		•	•	•	•	•	•	•	•	•		•	R			O		
POWER BOX RAKE, 90" (MAN)				•	•	•	•		•	•	•	•	R					
POWER BOX RAKE, 90" (HYD)				•	•	•	•		•	•	•	•	R			O		

FEATURES

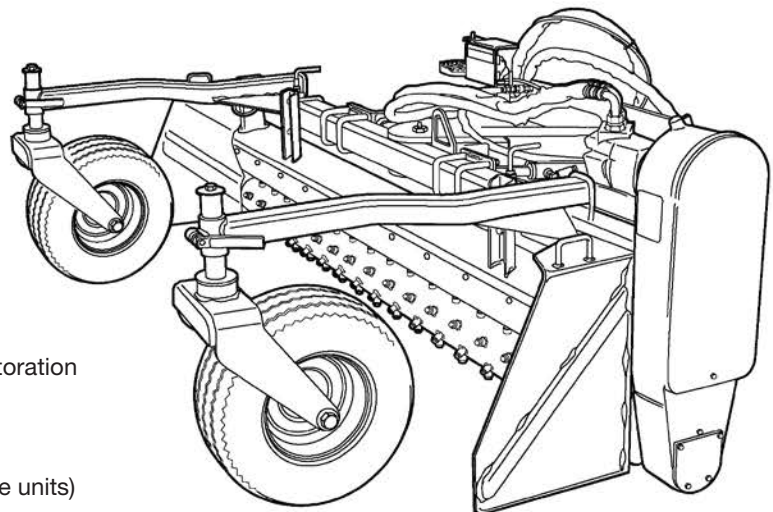
- Powered by standard skid steer auxiliary hydraulics
- Hydraulic motor drive
- Operates in forward and reverse
- Reversible end plates
- Adjustable dual gauge wheels
- Carbide tipped teeth
- Flat face hydraulic quick disconnects included
- Hoses included

APPLICATIONS

- Ideal for seedbed preparation, landscaping, trench restoration

REQUIREMENTS FOR OPERATION

- Standard auxiliary hydraulics, 11 to 20 GPM
- Auxiliary front electric control kit (optional for hyd. angle units)



HYDRAULIC HAMMERS

Ex Works – Willoughby, OH

BASE UNITS – COMPLETE (includes: hammer body, side plates, SSL mounting bracket, hoses, QDs andmoil point)

	PART NUMBER	WEIGHT LB	PRICE
CH-2M HYDRAULIC HAMMER with single position mounting bracket	47450996	679	\$7,425.00
CH-2M HYDRAULIC HAMMER with 3 position mounting bracket	47450997	699	\$7,615.00
CH-3M HYDRAULIC HAMMER with single position mounting bracket	47450998	794	\$9,300.00
CH-3M HYDRAULIC HAMMER with 3 position mounting bracket	47450999	814	\$9,490.00
CH-4M HYDRAULIC HAMMER with single position mounting bracket	47451000	911	\$10,300.00
CH-4M HYDRAULIC HAMMER with 3 position mounting bracket	47451002	931	\$10,490.00
CH-5M HYDRAULIC HAMMER with single position mounting bracket	47451003	1128	\$14,500.00

ADDITIONAL COMPONENTSfor CH-2M (Order as needed)

Moil Point (1 included with base hammer)	47451007	15	\$195.00
Chisel Point	47451008	17	\$195.00
Blunt Point	47451009	17	\$195.00
Frost Wedge (2.0" wide)	47451010	22	\$900.00
Asphalt Cutter (6" wide)	47451011	36	\$950.00
Tamping pad (8" X 8")	47451012	43	\$1,245.00

ADDITIONAL COMPONENTSfor CH-3M (Order as needed)

Moil Point (1 included with base hammer)	47451018	26	\$325.00
Chisel Point	47451019	26	\$325.00
Blunt Point	47451021	28	\$325.00
Frost Wedge (2.3" wide)	47451022	39	\$955.00
Asphalt Cutter (6" wide)	47451023	36	\$980.00
Tamping pad (12" X 12")	47451024	119	\$1,759.00

ADDITIONAL COMPONENTSfor CH-4M (Order as needed)

Moil Point (1 included with base hammer)	47451026	33	\$400.00
Chisel Point	47451027	33	\$400.00
Blunt Point	47451028	36	\$400.00
Frost Wedge (2.5" wide)	47451029	42	\$1,000.00
Asphalt Cutter (6" wide)	47451030	42	\$1,040.00
Tamping pad (12" X 12")	47451031	126	\$1,759.00

ADDITIONAL COMPONENTSfor CH-5M (Order as needed)

Moil Point (1 included with base hammer)	47451037	48	\$450.00
Chisel Point	47451039	53	\$450.00
Blunt Point	47451040	51	\$450.00
Asphalt Cutter (6" wide)	47451041	71	\$1,500.00
Tamping pad (12" X 12")	47451042	130	\$1,995.00

HYDRAULIC HAMMERS

Ex Works – Willoughby, OH

MODEL COMPATIBILITY	SR130	SR150	SR175 SV185	SR200	SR220		SV250 SR250	SV300		TR270			TR320 TV380	REQ'D EQUIPMENT					
		410	420	430	440	435	445 450	465	420CT		440CT	445CT 450CT		STD FLOW	HIGH FLOW	CASE DRAIN	FRONT ELEC	DEMO DOOR	2ND AUX
CH-2M HYDRAULIC HAMMER	•	•	•	•										R				R	
CH-3M HYDRAULIC HAMMER		•	•	•	•	•	•	•	•	•	•	•	•	R				R	
CH-4M HYDRAULIC HAMMER			•	•	•	•	•	•	•	•	•	•	•	R				R	
CH-5M HYDRAULIC HAMMER					•	•	•	•			•	•	•	R				R	

FEATURES

- 2 moving parts
- Low pressure gas charge
- Low recoil
- Low hydraulic surge
- Dual tool retainer pins
- Hoses and QDs included
- Moil Point included
- Gas recharge kit included
- Operation/Service Parts Manual
- 2 Year Warranty
- Uses standard auxiliary hydraulics

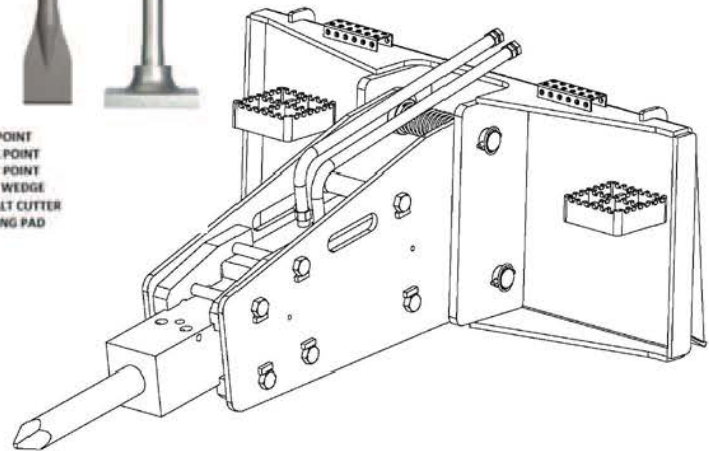


APPLICATIONS:


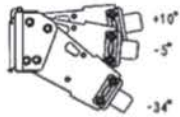
- Demolition, construction, road maintenance

REQUIREMENTS FOR OPERATION:

- Standard auxiliary hydraulics
- Demolition door



SPECIFICATIONS				
	CH-2M	CH-3M	CH-4M	CH-5M
Impact class (ft-lb)	250	350	550	825
Blows per min.	600-1150	550-1000	580-1060	550-1000
Operating wt. – lbs. (kg)	512-552 (232-250)	780-800 (354-363)	879-899 (399-408)	1076 (488)
Tool diam. – in. (mm)	2.0 (51)	2.3 (58)	2.5 (64)	3.0 (76)
Input flow – gpm (l/min)	5.3-9.2 (20-35)	6.6-12 (25-45)	8-14.5 (30-55)	9.2-16 (35-61)

HAMMER ORDERING GUIDE			
Mounting configuration		Hammer Model	Hammer Part. No.
	Single position mount bracket	CH-2M	47450996
		CH-3M	47450998
		CH-4M	47451000
		CH-5M	47451003
	3 position mount bracket	CH-2M	47450997
		CH-3M	47450999
		CH-4M	47451002

LIFT BOOM

Ex Works – Delhi, IA

	PART NUMBER	WEIGHT LB	PRICE
LIFT BOOM 6'	87381819	400	\$1,344.00

MODEL COMPATIBILITY	SR130 SR150	SR175 SV185	SR200	SR220		SV250 SR250	SV300		TR270			TR320 TV380	REQ'D EQUIPMENT					
	410	420	430	440	435	445 450	465	420CT		440CT	445CT 450CT		STD FLOW	HIGH FLOW	CASE DRAIN	FRONT ELEC	DEMO DOOR	2ND AUX
LIFT BOOM 6'	•	•	•	•	•	•	•	•	•	•	•	•						

FEATURES

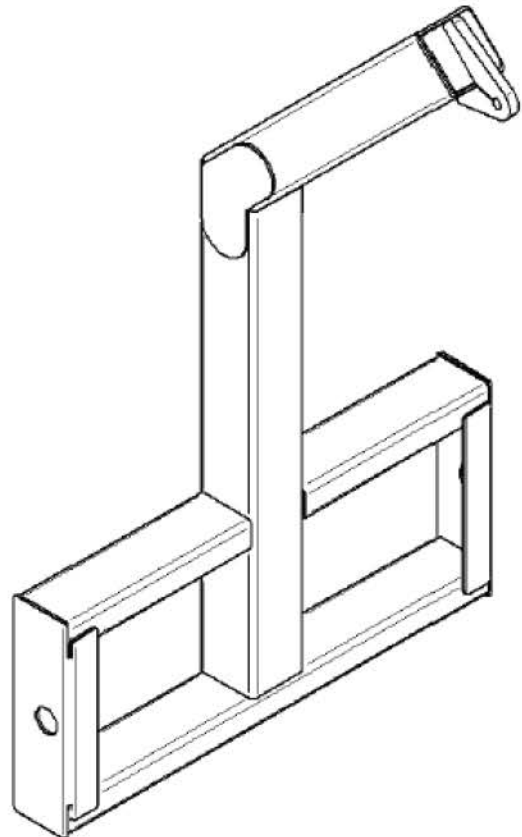
- Ideal for moving trees/shrubs for transplanting
- Use to load and unload attachments, etc.
- Ideal for placing and removing concrete forms
- OD Width: 47"
- Loading Depth: 25.1"
- Depth: 31"
- Overall height: 73.2"
- Reach: 83.1"
- Adds 6.5 ft additional reach to loader



Vertical Mast
(70% of Operating Load, not to
exceed 6,000 pounds)



Maximum Reach
(30% of Operating Load, not to
exceed 6,000 pounds)



LOAD MONITORS

Ex Works – Lincoln, NE

	PART NUMBER	WEIGHT LB	PRICE
WEIGHLOG 100 LOAD MONITOR (XT, 400 Series)	84316807	12	\$2,652.00
WEIGHLOG 200 LOAD MONITOR (XT, 400 Series)	84316808	14	\$3,686.00
WEIGHLOG 100 LOAD MONITOR (Alpha Series)	84512810	12	\$2,768.00
WEIGHLOG 200 LOAD MONITOR (Alpha Series)	84512811	14	\$3,807.00

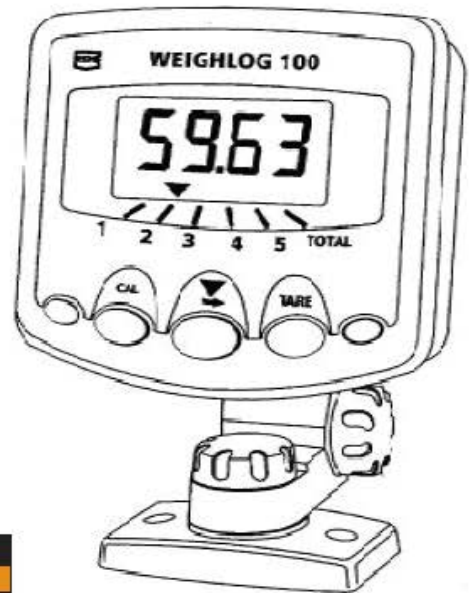
ADDITIONAL EQUIPMENT (Order as needed)

PRINTER KIT - for WEIGHLOG 200 Only	84316810	1	\$1,069.00
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MODEL COMPATIBILITY	410 420	430 440	435 445	450 465	420CT 440CT	445CT 450CT	SR130 SR150	SR175 SV185	SR200 SR220	SV250 SR250	SV300	TR270	TR320 TV380
	410 420	430 440	435 445	450 465	420CT 440CT	445CT 450CT	SR130 SR150	SR175 SV185	SR200 SR220	SV250 SR250	SV300	TR270	TR320 TV380
WEIGHLOG 100 - 84316807	•	•	•	•	•	•							
WEIGHLOG 200 - 84316808	•	•	•	•	•	•							
WEIGHLOG 100 - 84512810)							•	•	•	•	•	•	•
WEIGHLOG 200 - 84512811)							•	•	•	•	•	•	•

FEATURES

- Static or dynamic weighing
- 5 individual display channels
- Proven sensor technology
- Backlit LCD graphic display and keypad
- Measures, displays and records net weight based on lift system pressure
- Calibrate for any bucket, pallet fork, etc.
- Internal audible alarm
- Kit comes complete with:
 - Head unit
 - Heavy duty load sensor
 - Hydraulic fitting kit
 - Reference/direction sensors
 - Remote enter button
 - Installation kit
- WeighLog is not certified for legal sale of goods adds 6.5 ft additional reach to loader



SPECIFICATIONS		
MODEL	WL100	WL200
Operating Voltage	11 - 30 vdc	
Temperature Range	32°-102° (0°-50°C)	
System Accuracy	±2% (or better)	
Pressure Range	0-4350 psi (0-250bar)	
Speed Compensated Dynamic Weighing	No	Yes
Printer Compatible	No	Yes
Warranty	1 year/parts	

MANURE FORK & MANURE FORK WITH GRAPPLE

Ex Works – Delhi, IA

STANDARD AUXILIARY BOOM HYDRAULICS REQUIRED (for Grapple Option Only)	PART NUMBER	WEIGHT LB	PRICE
MANURE FORK, 60"	84218741	500	\$1,628.00
MANURE FORK, 66"	84218742	515	\$1,745.00
MANURE FORK, 72"	84218743	525	\$1,793.00
MANURE FORK, 84"	84218744	575	\$2,393.00

OPTIONS

Kit, Grapple Attachment (requires standard auxiliary hydraulics)	84218745	130	\$1,704.00
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MODEL COMPATIBILITY	SR130 SR150	SR175	SV185	SR200	SR220		SV250 SR250	SV300		TR270			TR320 TV380	REQ'D EQUIPMENT					
	410	420		430	440	435	445 450	465	420CT		440CT	445CT 450CT		STD FLOW	HIGH FLOW	CASE DRAIN	FRONT ELEC	DEMO DOOR	2ND AUX
MANURE FORK, 60"	•	•												O					
MANURE FORK, 66"	•	•	•	•	•	•	•	•	•	•	•			O					
MANURE FORK, 72"		•	•	•	•	•	•	•	•	•	•	•	•	O					
MANURE FORK, 84"					•	•	•	•		•	•	•	•	O					

FEATURES

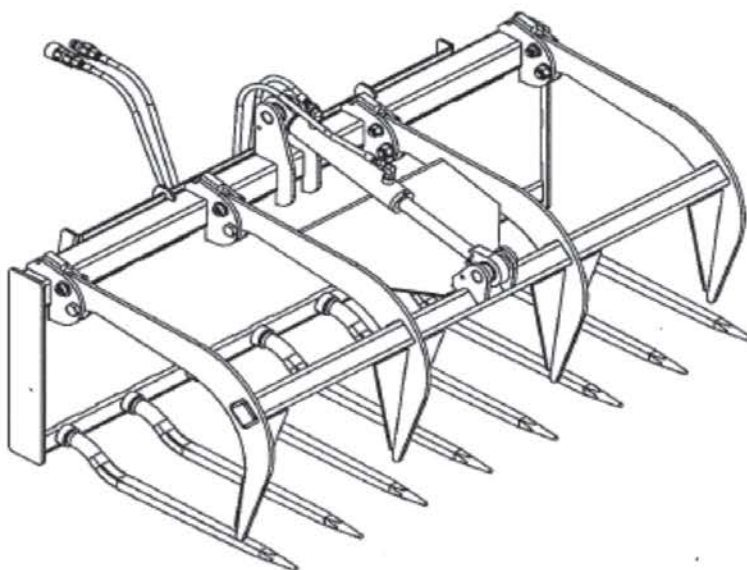
- All standard fork attachments are grapple-ready
- Heavy duty forged tines
- Single, heavy duty cylinder for grapple option
- Overall depth – 30"
- Grapple opening – 37"
- Overall height – 25"

APPLICATIONS

- Moves loose hay and manure
- Clean-up and transport branches, brush and limbs

REQUIREMENTS FOR OPERATION

- Standard auxiliary hydraulics for optional grapple



MANURE SCRAPERS

Ex Works – Delhi, IA

	PART NUMBER	WEIGHT LB	PRICE
MANURE SCRAPER, 60"	84225459	376	\$1,011.00
MANURE SCRAPER, 72"	84225460	413	\$1,051.00
MANURE SCRAPER, 84"	84225461	472	\$1,131.00
MANURE SCRAPER, 96"	84225462	508	\$1,194.00

OPTIONAL EQUIPMENT (order as needed)

Pull Back Kit, 60"	84225463	183	\$660.00
Pull Back Kit, 72"	84225464	213	\$745.00
Pull Back Kit, 84"	84225465	233	\$824.00
Pull Back Kit, 96"	84225466	256	\$899.00

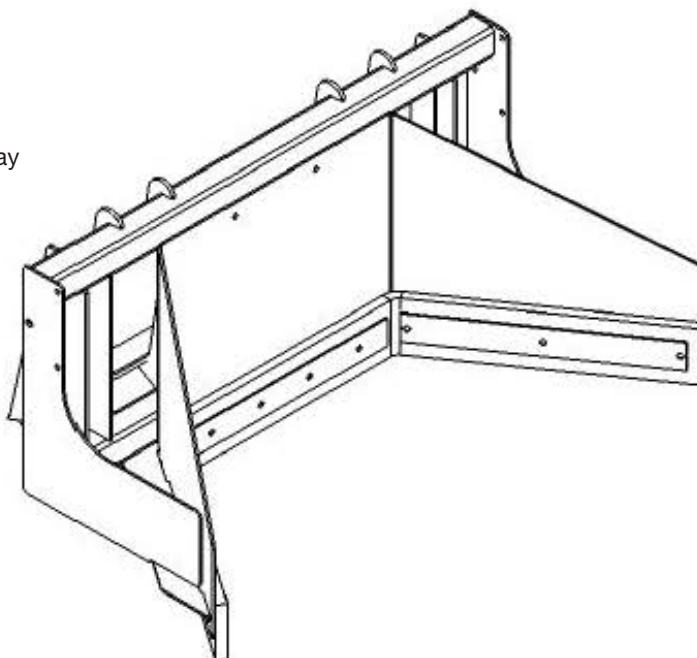
MODEL COMPATIBILITY	SR130 SR150		SR175 SV185	SR200	SR220		SV250 SR250	SV300		TR270			TR320 TV380	REQ'D EQUIPMENT					
	410	420		430	440	435	445 450	465	420CT		440CT	445CT 450CT		STD FLOW	HIGH FLOW	CASE DRAIN	FRONT ELEC	DEMO DOOR	2ND AUX
60" MANURE SCRAPER	•	•																	
72" MANURE SCRAPER	•	•	•	•	•	•	•	•	•	•	•								
84" MANURE SCRAPER		•	•	•	•	•	•	•	•	•	•	•	•						
96" MANURE SCRAPER					•	•	•	•		•	•	•	•						

FEATURES

- 30" overall height, 31" overall depth
- 1" x 6" reversible rubber edge
- Tapered end blades for improved visibility
- Optional bolt-on pull back kit for drawing material away from walls, corners, fences, etc.

APPLICATIONS

- Feedlot clean-up
- Flood clean-up
- Waste water clean-up
- Snow removal



Shown without optional pull back kit

MULCHERS

Ex Works – Delhi, IA

Mulcher complete with head, teeth, mounting bracket, wire harness, hoses and quick coupler.

	PART NUMBER	WEIGHT LB	PRICE
MULCHER - MM60 with double carbide teeth	84523771	2560	\$38,121.00
MULCHER - MM60 with double claw teeth	84554134	2560	\$34,600.00

Replacement Tooth Sets

Set Single edge Carbide teeth, non-reversible	84554177	140	\$3,112.00
Set Double Edge Carbide Teeth	84553733	140	\$5,109.00
Set Double edge Claw Teeth	84553734	146	\$1,251.00

MODEL COMPATIBLTY	SR130 SR150	SR175 SV185		SR200	SR220		SV250	SR250	SV300			TR270	TR320 TV380	REQ'D EQUIPMENT							
	410 420		430 440		435 445	450 465				420CT 440CT	445CT 450CT			STD FLOW	HIGH FLOW	EHF	CASE DRAIN	FRONT ELEC	DEMO DOOR	2ND AUX	
60" CUTTER/MULCHER								•	•				•	R		R	R	R	R		

TOOTH OPTIONS

- Carbide teeth are general purpose use and provide longer life. Best applications are in full land clearing situations in which all vegetation must be reduced to or below grade.
- Claw teeth provide high productivity and smaller chip size in applications that do not require reduction of tree stumps/woody stubs at or below grade. Best use is in right-of-way and other maintenance applications.
- Both carbide and claw teeth are available in double-sided (reversible) sets for extended life.
- Carbide teeth are available in single (non-reversible) configuration for lower replacement cost.

FEATURES

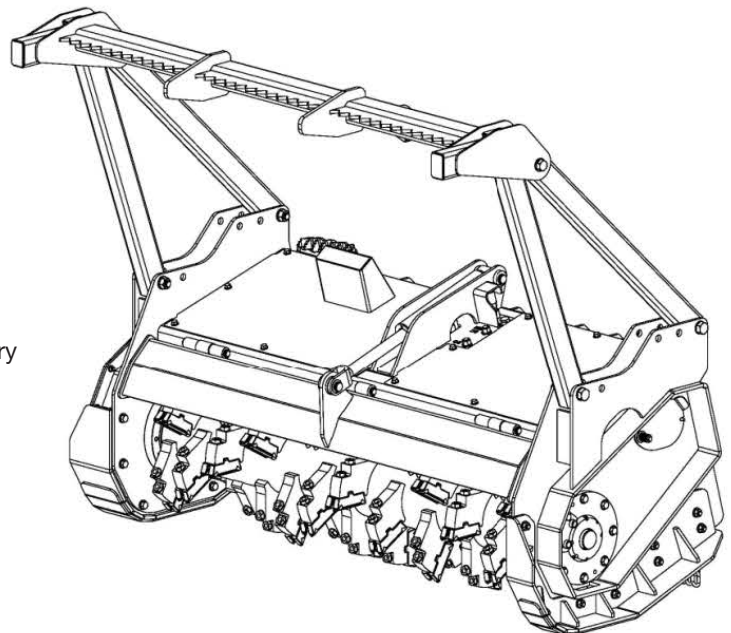
- Low profile design weighing 2,560 lbs.
- Includes hydraulic front deflector door and hydraulic pressure sight gauge
- 44 cutting hammers on the rotors can be changed with impact wrench in less than 45 minutes
- Rotor operates at 2,000 rpm and has four second recovery time from dead stall stop

APPLICATIONS

- Land clearing
- Right-of-way maintenance
- Vegetation management
- Wildfire prevention
- Mulch trees and brush to ground level

REQUIREMENTS FOR OPERATION

- EHF High Flow
- Front Electric Control Kit
- Case drain
- Demolition door



PALLET FORKS

Ex Works – Brownsville, TX

	PART NUMBER	WEIGHT LB	PRICE
PALLET FORKS (ROPS) with 42" Standard Tines	84354438	398	\$1,077.00
PALLET FORKS (ROPS) with 42" Standard Tines, Qty. of 6	84354438S6	398	\$958.00
PALLET FORKS (ROPS) with 48" Standard Tines	84354439	416	\$1,084.00
PALLET FORKS (ROPS) with 48" Standard Tines, Qty. of 6	84354439S6	416	\$965.00
PALLET FORKS (ROPS) with 42" HD Tines	84332180	416	\$1,135.00
PALLET FORKS (ROPS) with 42" HD Tines, Qty. of 6	84332180S6	416	\$1,010.00
PALLET FORKS (ROPS) with 48" HD Tines	84332181	446	\$1,176.00
PALLET FORKS (ROPS) with 48" HD Tines, Qty. of 6	84332181S6	446	\$1,059.00
PALLET FORKS (CDE) with 42" Standard Tines	47403639	441	\$1,100.00
PALLET FORKS (CDE) with 42" Standard Tines, Qty. of 6	47403639S6	441	\$1,100.00
PALLET FORKS (CDE) with 48" Standard Tines	47403640	459	\$1,112.00
PALLET FORKS (CDE) with 48" Standard Tines, Qty. of 6	47403640S6	459	\$1,109.00
PALLET FORKS (CDE) with 42" HD Tines	47403644	452	\$1,156.00
PALLET FORKS (CDE) with 42" HD Tines, Qty. of 6	47403644S6	452	\$1,117.00
PALLET FORKS (CDE) with 48" HD Tines	47403646	511	\$1,199.00
PALLET FORKS (CDE) with 48" HD Tines, Qty. of 6	47403646S6	511	\$1,236.00

ADDITIONAL EQUIPMENT (Order as needed)

PALLET FORK (ROPS), Frame Only	84348693	222	\$666.00
PALLET FORK (ROPS), Frame Only, Qty of 6	84348693S6	222	\$633.00
PALLET FORK (CDE), Frame Only	47403634	260	\$671.00
PALLET FORK (CDE), Frame Only, Qty of 6	47403634S6	260	\$730.00
42" STD TINE SET (includes 2 tines)	84354440	176	\$440.00
42" STD TINE SET (includes 2 tines), Qty of 6	84354440S6	176	\$391.00
48" STD TINE SET (includes 2 tines)	84354441	194	\$481.00
48" STD TINE SET (includes 2 tines), Qty of 6	84354441S6	194	\$428.00
42" HD TINE SET (includes 2 tines)	84332183	194	\$481.00
42" HD TINE SET (includes 2 tines), Qty of 6	84332183S6	194	\$428.00
48" HD TINE SET (includes 2 tines)	84332184	234	\$526.00
48" HD TINE SET (includes 2 tines), Qty of 6	84332184S6	234	\$967.00

* Prices shown are list prices per unit/set.

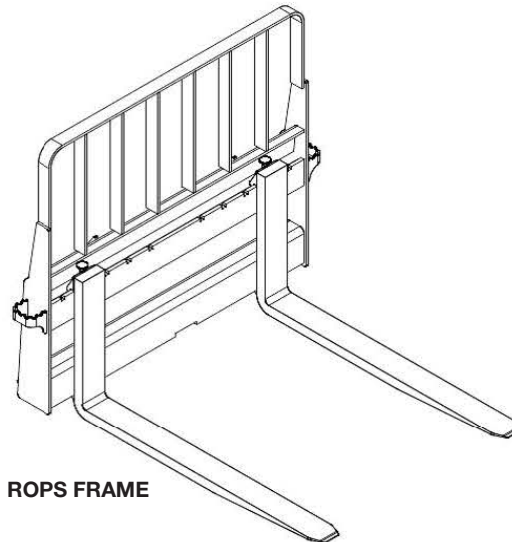
PALLET FORKS

Ex Works – Brownsville, TX

MODEL COMPATIBILITY	SR130 SR150	SR175 SV185	SR200	SR220		SV250 SR250	SV300		TR270			TR320 TV380	REQ'D EQUIPMENT					
	410	420	430	440	435	445 450	465	420CT		440CT	445CT 450CT		STD FLOW	HIGH FLOW	CASE DRAIN	FRONT ELEC	DEMO DOOR	2ND AUX
PALLET FORKS - 42" HD	•	•	•	•	•	•												
PALLET FORKS - 48" HD	•	•	•	•	•	•												
PALLET FORKS - 42" STD	•	•	•	•	•	•	•	•	•	•	•	•						
PALLET FORKS - 48" STD	•	•	•	•	•	•	•	•	•	•	•	•						

FEATURES

- Heat-treated tines, manually adjustable
- Locking position pins
- High visibility back guard
- Steps for easy entry to cab
- ROPS Frame:
 - Original design
 - Close-coupled frame
 - High lift capacity
 - Backguard contact with fully open cab door on some models
- CDE Frame:
 - Revised, frame forward design
 - No backguard contact with fully open cab door) (except SR130/SR150)



ROPS FRAME

Heavy Duty Tines

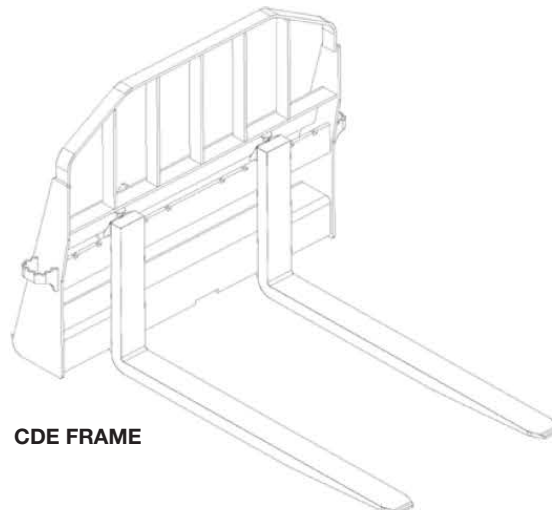
- 42" Tines - 1-1/2" x 4" cross-section
- 48" Tines - 1-3/4" x 4" cross-section
- 5500#/pair ITA Class II rated tines

Standard Tines

- 42" Tines - 1-3/8" x 4" cross-section
- 48" Tines - 1-3/8" x 4" cross-section
- 4000#/pair rated tines

APPLICATIONS

- Handling pallets and construction materials



CDE FRAME

POST DRIVER

Ex Works – Delhi, IA

	PART NUMBER	WEIGHT LB	PRICE
POST DRIVER - MODEL PD4800	84258061	1385	\$6,793.00

COMPLETING KITS (Must select one for complete unit)

Square collar and striker plate assy 3.5"	84258062	63	\$767.00
Square collar and striker plate assy 6"	84258063	65	\$767.00
Square collar and striker plate assy 8"	84258064	66	\$895.00
Collar and striker plate assy 6" X 8"	84258065	64	\$767.00

OPTIONAL EQUIPMENT (Order as needed)

Round collar, 3"	84258066	15	\$330.00
Square collar, 3.5"	84258067	15	\$330.00
Round collar, 4"	84258068	15	\$330.00
H beam collar 4" X 6"	84258070	15	\$330.00
Round collar, 6"	84258071	15	\$330.00
Square collar, 6"	84258073	15	\$330.00
Square collar, 8"	84258074	15	\$330.00
Collar, 6" X 8"	84258076	15	\$330.00
T post adapter	84258078	15	\$154.00

MODEL COMPATIBLTY	SR130 SR150	SR175 SV185	SR200	SR220		SV250 SR250	SV300		TR270			TR320 TV380	REQ'D EQUIPMENT					
	410	420	430	440	435	445 450	465	420CT		440CT	445CT 450CT		STD FLOW	HIGH FLOW	CASE DRAIN	FRONT ELEC	DEMO DOOR	2ND AUX
POST DRIVER		•	•	•	•	•	•	•	•	•	•	•	R					

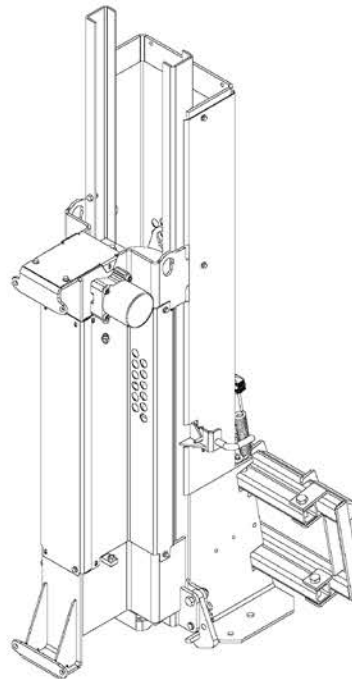
FEATURES

- May be used with Tilt-Attach
- Manual side shift
- 24 gpm maximum flow
- Quick change striker plate and collar assemblies
- Designed for smooth operation with no shock load back to the skid steer

REQUIREMENTS FOR OPERATION

- Standard auxiliary hydraulics

SPECIFICATIONS	
Length	38.69"
Width	54.25"
Height	91.48"
Maximum stroke	48"
Weight (lbs)	1,360
Hammer weight, standard (lbs)	289
Maximum hammer wt (lbs)	600
Strokes per minute	42
Minimum hydraulic pressure	2000 psi
Maximum flow	24 gpm
Impact energy w/289 lb wt	1,156 ft-lb
Impact energy w/600 lb wt	2,400 ft-lb



PREPARATOR® LANDSCAPE RAKE

Ex Works – Dexter, MI

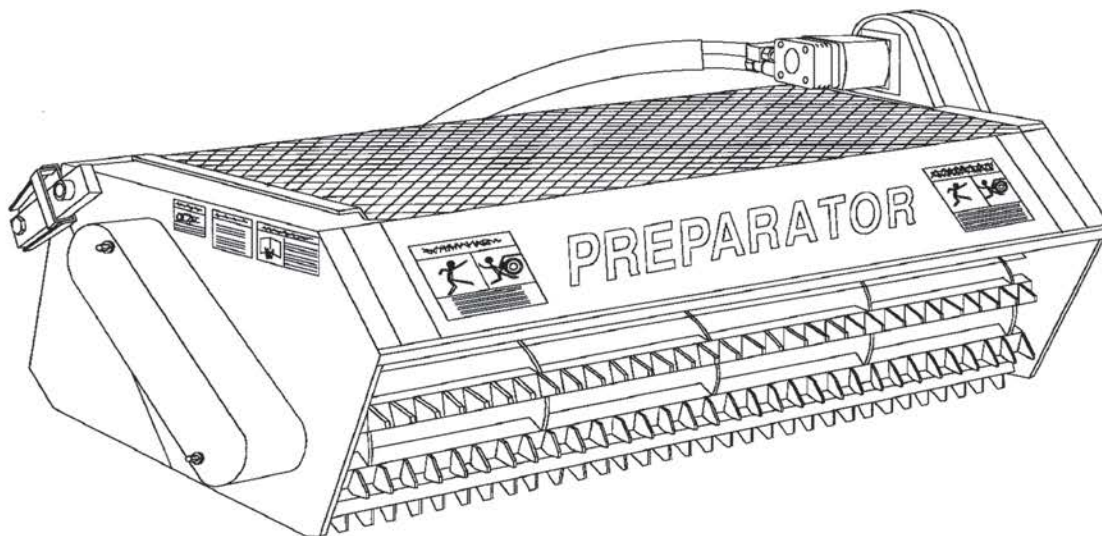
Packages include complete unit with mounting plate, hoses and quick couplers.

REQUIRES STANDARD AUXILIARY BOOM HYDRAULICS	PART NUMBER	WEIGHT LB	PRICE
PREPARATOR® LANDSCAPER GRADER RAKE, 66"	446019A1	1270	\$9,261.00
PREPARATOR® LANDSCAPER GRADER RAKE, 76"	446020A1	1465	\$9,772.00

MODEL COMPATIBILITY	SR130	SR150	SR175	SV185		SR200	SR220		SV250	SR250	SV300		TR270			TR320	TV380	REQ'D EQUIPMENT					
	410	420			430		440	435	445	450	465	420CT		440CT	445CT	450CT		STD FLOW	HIGH FLOW	CASE DRAIN	FRONT ELEC	DEMO DOOR	2ND AUX
PREPARATOR - 66"	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	R					
PREPARATOR - 76"			•			•	•	•	•	•	•	•	•	•	•	•	•	R					

FEATURES

- Conditions the soil with scarifying action while picking up debris.
- Picks up rocks from 1" to 20" diameter.
- An all-in-one landscaping tool; levels out ridges and ruts; cuts out grass that needs reseeding; prepares soil for planting.
- Ruggedly built to withstand constant use.
- Flat face hydraulic quick disconnects included
- Hydraulic hoses included
- Standard auxiliary hydraulics 10-25 gpm required



Preparator Landscape Grader Rake (Continued next page)

PREPARATOR® LANDSCAPE RAKE - continued

Ex Works – Dexter, MI

SPECIFICATIONS		
MODEL	PREPARATOR 66"	PREPARATOR 76"
BUCKET		
Capacity	10.32 ft ³ (0.29m ³)	12.50 ft ³ (0.35m ³)
Overall Width	74.75 in. (190 cm)	84.75 in. (215 cm)
Swath Width	66.0 in. (168 cm)	76.0 in. (193 cm)
Overall Height	25.53 in. (65 cm)	25.53 in. (65 cm)
Overall Length	60.13 in. (153 cm)	60.13 in. (153 cm)
DRUM		
RPM-r/min	0 - 86	0 - 86
Overall Diameter	12.5 in. (54.6 cm)	21.5 in. (54.6 cm)
Rake Bar (square steel tubing)	2 in. x 2 in. (50.8 x 50.8 mm)	2 in. x 2 in. (50.8 x 50.8 mm)
Teeth	T-1 Steel	T-1 Steel
Tooth Thickness	0.19 in. (4.82 mm)	0.19 in. (4.82 mm)
Tooth Length	2.19 in. (55.6 mm)	2.19 in. (55.6 mm)
Number of Teeth	310	350
HYDRAULIC MOTOR		
Operating RPM Range	10 - 18 gpm (38 - 61 L/min) @ 2300 psi (15 858 kPa)	10 - 18 gpm (38 - 61 L/min) @ 2300 psi (15 858 kPa)
Horsepower	12 - 23 (8.9 - 17.1 kW)	12 - 23 (8.9 - 17.1 kW)
Torque	11,701 lb-in (1322 N-m)	11,701 lb-in (1322 N-m)
DRIVE CHAINS		
Rake Drive	#80H Roller Chain	#80H Roller Chain
Brush Drive	#50H Roller Chain	#50H Roller Chain
Overall Weight	1,270 lb (576 kg)	1,465 lb (664 kg)

REAR STABILIZER

Ex Works – Delhi, IA

Base stabilizer packages include rear stabilizers (less pads) and mounting brackets. Hydraulic kits required as indicated.

REQUIRES STANDARD AUXILIARY BOOM HYDRAULICS	PART NUMBER	WEIGHT LB	PRICE
REAR STABILIZER PACKAGE (includes hyd kit)	87053912	375	\$1,555.00
REAR STABILIZER PACKAGE (includes hyd kit)	87053913	391	\$2,652.00
REAR STABILIZER PACKAGE (includes hyd kit)	87373393	405	\$2,986.00
REAR STABILIZER PACKAGE (requires hyd kit)	84518504	460	\$2,658.00
REAR STABILIZER PACKAGE (requires hyd kit)	84518505	480	\$2,689.00

ADDITIONAL COMPONENTS (Must order hydraulic kit as indicated and pad kit for complete unit.)

HYDRAULIC KIT - FOR USE W/ATTACHMENT VALVE (SR175, SR200, SR220, TR270, TR320)	84518506	20	\$335.00
HYDRAULIC KIT - FOR USE W/2ND AUX KIT (SR175, SR200, SR220, SR250, TR270, TR320)	84546390	20	\$261.00
HYDRAULIC KIT - FOR USE W/ATTACHMENT VALVE (SV185, SV250, SV300, TV380)	84518507	25	\$385.00
HYDRAULIC KIT - FOR USE W/2ND AUX KIT (SV185, SV250, SV300, TV380)	84546391	25	\$298.00
GROUSER PAD SET	87053914	40	\$178.00
FLAT PAD SET	86590028	39	\$226.00

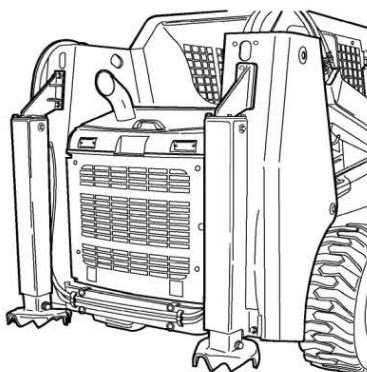
MODEL COMPATIBILITY	410	420	430	440	435	445	450	465	420CT	440CT	445CT	450CT	SR130	SR150	SR175	SV185	SR200	SR220	SV250	SR250	SV300	TR270	TR320	TV380	REQ'D EQUIP	
	410	420	430	440	435	445	450	465	420CT	440CT	445CT	450CT	SR130	SR150	SR175	SV185	SR200	SR220	SV250	SR250	SV300	TR270	TR320	TV380	STD FLOW	2ND AUX
REAR STABILIZER - 87053912	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	R	O
REAR STABILIZER - 87053913	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	R	O
REAR STABILIZER - 87373393	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	R	O
REAR STABILIZER - 84518504	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	R	O
REAR STABILIZER - 84518505	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	R	O
HYDRAULIC KIT - 84518506	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
HYDRAULIC KIT - 84546390	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	R
HYDRAULIC KIT - 84518507	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
HYDRAULIC KIT - 84546391	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	R

FEATURES

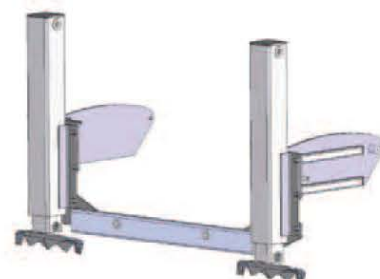
- Use with tree spades, backhoes, etc.

REQUIREMENTS FOR OPERATION

- 2nd auxiliary or attachment valve with extra auxiliary hydraulic function



400 Series



Alpha Series

ROCK BUCKETS

Ex Works – Delhi, IA

REQUIRES STANDARD AUXILIARY BOOM HYDRAULICS	PART NUMBER	WEIGHT LB	PRICE
ROCK BUCKET 66", 3" tine spacing	87381975	555	\$1,777.00
ROCK BUCKET 66", 2" tine spacing	87381976	680	\$1,961.00
ROCK BUCKET 75", 3" tine spacing	87381977	625	\$1,930.00
ROCK BUCKET 75", 2" tine spacing	87381978	680	\$2,036.00
ROCK BUCKET 84", 3" tine spacing	87381979	792	\$2,041.00

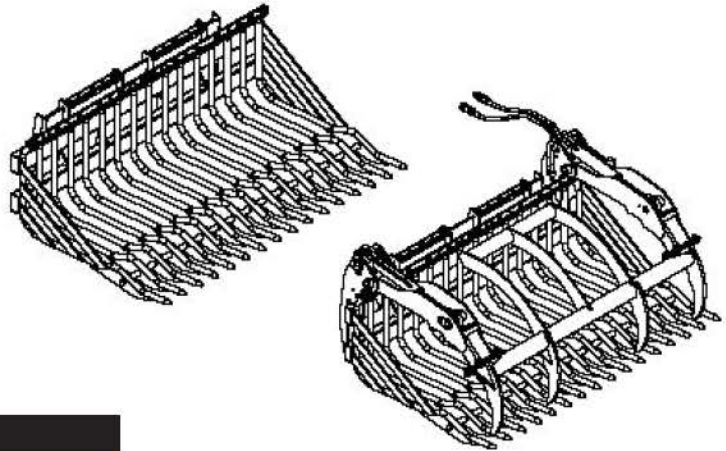
OPTIONAL EQUIPMENT

Grapple attachment for 75" and 84" Rock Buckets (Not compatible with CWL HD buckets)	87389692	490	\$ 2,545.00
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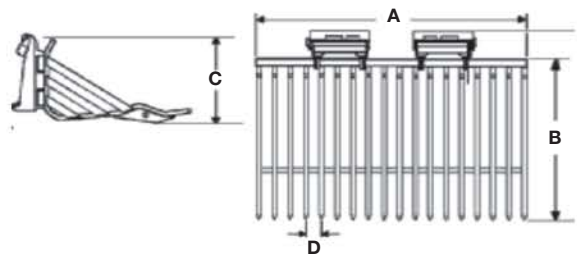
MODEL COMPATIBILITY	SR130	SR150	SR175	SV185	SR200		SR220		SV250	SR250	SV300		TR270			TR320	TV380	REQ'D EQUIPMENT					
	410		420		430	440		435	445	450	465	420CT		440CT	445CT	450CT		STD FLOW	HIGH FLOW	CASE DRAIN	FRONT ELEC	DEMO DOOR	2ND AUX
66" ROCK BUCKET	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•						
75" ROCK BUCKET			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	O					
84" ROCK BUCKET							•	•	•	•	•							O					

FEATURES

- Designed to hold the collected rocks and debris while leaving the soil
- Tine spacing determines the size of rocks and debris that will be retained while allowing the soil to sift back to the ground.
- 2" tine spacing keep bricks in the bucket for easier clean up around job sites.
- The rake design is used to gather material away from buildings and obstructions, for faster clean up of debris, to level out clumps of dirt and pick-up pieces of sod.
- Rake - Pile - Load debris from construction sites, pastures, fields, etc.



SPECIFICATIONS			
DESCRIPTION	66"	75"	84"
A. Overall Width	65.9"	74.4"	82.9"
B. Overall Depth	49.8"	49.8"	49.8"
C. Overall Height	21.8"	21.8"	21.8"
D. Tine Spacing			
(center to center)	4.25" or 3.15"	4.25" or 3.15"	4.25" or 3.15"
(between tines)	3.1" or 2"	3.1" or 2"	3.1"
Number of Tines	16 or 21	18 or 24	20
Tine Rod Diameter	1.1"	1.1"	1.1"



ROCK SAWS

Ex Works – Delhi, IA

Rock wheel packages include drum, hydraulic depth and sideshift, hoses and quick couplers. Must select drum pick kit for required width.

* HIGH FLOW AUXILIARY BOOM HYDRAULICS, CASE DRAIN PLUMBING AND AUXILIARY FRONT ELECTRIC CONTROL KIT REQUIRED	PART NUMBER	WEIGHT LB	PRICE
ROCK SAW, RS18, 18"	87523116	1775	\$18,739.00
ROCK SAW, RS 24, 24"	87523117	2095	\$20,001.00
EHF ROCK SAW, RS18, 18"	84523784	1775	\$21,034.00
EHF ROCK SAW, RS24, 24"	84523785	2095	\$22,960.00

ADDITIONAL COMPONENTS (Must Select One for Complete Unit)

2.5" drum/pick kit for RS18	87523118	220	\$1,982.00
4" drum/pick kit for RS18	87523119	245	\$2,025.00
2.5" drum/pick kit for RS24	87523120	290	\$2,638.00
4" drum/pick kit for RS24	87523121	325	\$2,689.00

ADDITIONAL COMPONENTS (Order as needed)

Wire harness adapter (adapts pre-9/1/2001 75XT, 85XT, 90XT, 95XT w/8-pin connector to 14-pin connector)	87048529	182	\$147.00
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MODEL COMPATIBLTY	SR130 SR150		SR175 SV185		SR200	SR220	SV250		SR250	SV300			TR270		TR320 TV380	REQ'D EQUIPMENT						
	410	420		430		440 435	445 450	465			420CT	440CT		445CT 450CT		STD FLOW	HIGH FLOW	EHF	CASE DRAIN	FRONT ELEC	DEMO DOOR	2ND AUX
ROCK SAW, RS18, 18						•	•	•	•	•		•		•	•		R			R	R	
ROCK SAW, RS 24, 24							•	•	•	•				•	•		R			R	R	
EHF ROCK SAW, RS18, 18									•	•					•	R		R	R	R	R	
EHF ROCK SAW, RS24, 24									•	•					•	R		R	R	R	R	

FEATURES

- For slot cutting, utility cuts for gas, sewer, water, electrical and cable TV TV installation and repair, asphalt patch cuts, cuts to create expansion joints in roadways
- Planetary drive
- Convenient electro-hydraulic control for depth and sideshift
- Dual side discharge of material
- Pick removal tool included
- Available in 2.5" and 4" wheel widths
- 40-gallon Pressurized Water Kit available. See "Water Kits"

APPLICATIONS

- Slot cutting
- Utility cuts for gas, water, sewer, electrical and cable TV installation and repair
- Asphalt patch cuts
- Cuts to create expansion joints in roadways

REQUIREMENTS FOR OPERATION

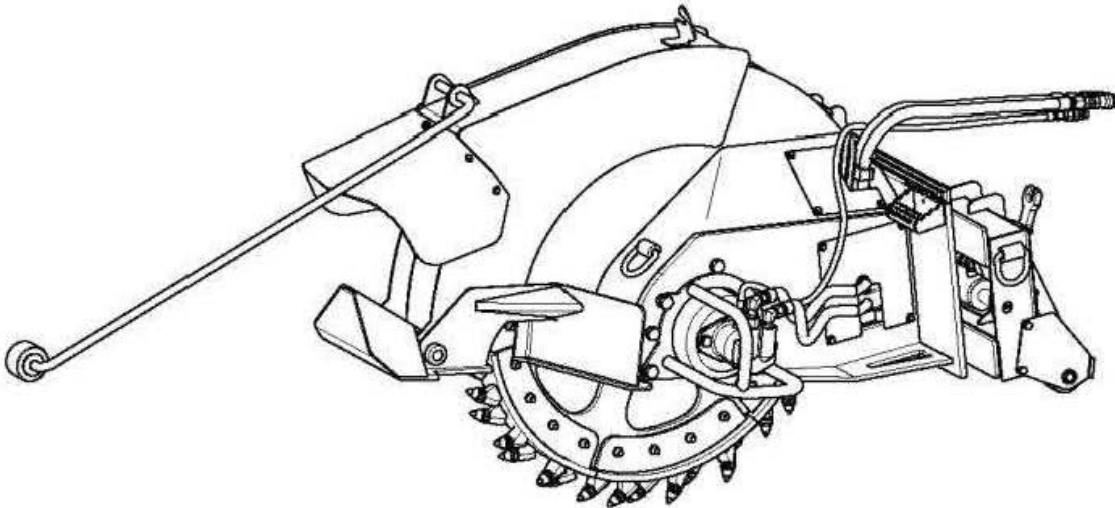
- High flow auxiliary hydraulics (EHF for specified units)
- Front Electric Control Kit
- Case Drain

Rock Saw (Continued next page)

ROCK SAWS – continued

Ex Works – Delhi, IA

SPECIFICATIONS		
MODEL	RS18	RS24
Operating Weight - lb. (kg)	2020 (916)	2420 (1098)
Cutting Depth - in. (mm)	0-18 (0-457)	0-24 (0-610)
Cutting Width - in. (mm)	2.5 (64)/4 (102)	2.5 (64)/4 (102)
Drum Diameter - in. (mm)	48(1219)	60(1524)
Sideshift - in. (mm)	-3-22(-76-560) center to right	-3-22 (-76-560) center to right
Hydraulic requirement - gpm (l/m)	30-40 (114-151)	35-40 (132-151)
Hydraulic requirement - psi (bar)	2500-3500 (172-241)	2500-3500 (172-241)
EHF Units Hydraulic requirement - psi (bar)	4000 (275)	4000 (275)
Drive	Planetary	Planetary
Controls	Full hydraulic with in-cab controls	Full hydraulic with in-cab controls
No. of Carbide Picks	42	56



ROOT RAKE

Ex Works – Delhi, IA

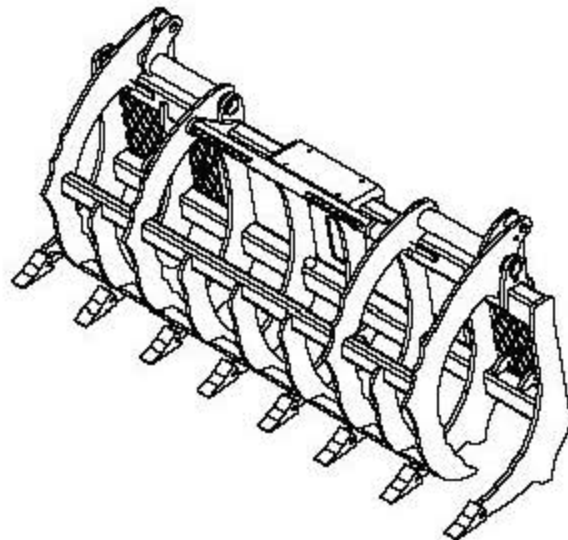
Root Rake includes skid steer mounting bracket, hoses and quick couplers.

REQUIRES STANDARD AUXILIARY BOOM HYDRAULICS	PART NUMBER	WEIGHT LB	PRICE
72" ROOT RAKE with grapple	87382368	1100	\$5,557.00
78" ROOT RAKE with grapple	87389704	1150	\$6,009.00
84" ROOT RAKE with grapple	87389705	1220	\$6,379.00

MODEL COMPATIBILITY	SR130 SR150	SR175 SV185	SR200	SR220		SV250 SR250	SV300		TR270			TR320 TV380	REQ'D EQUIPMENT					
	410	420	430	440	435	445 450	465	420CT		440CT	445CT 450CT		STD FLOW	HIGH FLOW	CASE DRAIN	FRONT ELEC	DEMO DOOR	2ND AUX
72" ROOT RAKE		•	•	•	•	•	•	•	•	•			R					
78" ROOT RAKE			•	•	•	•	•		•			•	R					
84" ROOT RAKE					•	•	•				•	•	R					

FEATURES

- Rake - Pile - Load debris from construction sites, pastures, fields, storm damage, etc.
- Upper push-bar, aggressive profiles with H&L-230 style teeth work Together to neatly gather material into more manageable pile
- Zinc plated, greasable, pivot pins with protected grease zerks, and replaceable hardened steel bushings at all pivot locations
- Pilot operated check for positive lock clamping
- Weld-on D-ring for countless applications



ROTARY CUTTER

Ex Works – Delhi, IA

Base unit includes base mower, mounting frame, safety chain, quick disconnects and hoses.

REQUIRES STANDARD AUXILIARY BOOM HYDRAULICS	PART NUMBER	WEIGHT LB	PRICE
ROTARY CUTTER, 60" Std Flow (15 - 20 gpm)	84385856	1390	\$5,746.00
ROTARY CUTTER, 72" Std Flow (18 - 20 gpm)	84395111	1620	\$6,348.00
ROTARY CUTTER, 72" Std Flow (20 - 24 gpm)	84385857	1760	\$6,824.00
ROTARY CUTTER, 72" High Flow (26 - 32 gpm)	84395113	1760	\$6,811.00
ROTARY CUTTER, 72" High Flow (32 - 40 gpm)	84385858	1760	\$6,919.00
ROTARY CUTTER, 78" High Flow (32 - 40 gpm)	84385859	1870	\$7,977.00

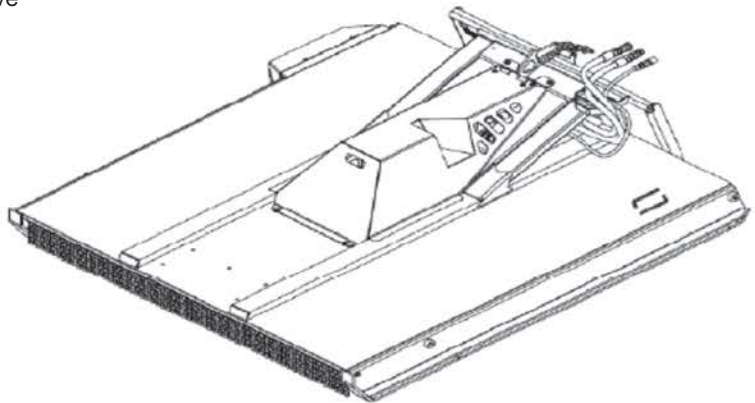
ADDITIONAL EQUIPMENT (Order as needed)

CASTER WHEEL KIT	84385860	187	\$801.00
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MODEL COMPATIBILTY	SR130 SR150		SR175 SV185		SR200	SR220		SV250 SR250	SV300		TR270			TR320 TV380	REQ'D EQUIPMENT						
	410	420		430		440	435	445 450	465	420CT		440CT	445CT 450CT		STD FLOW	HIGH FLOW	CASE DRAIN	FRONT ELEC	DEMO DOOR	2ND AUX	
60" ROTARY CUTTER – 84385856			•												R				R		
72" ROTARY CUTTER – 84395111			•												R				R		
72" ROTARY CUTTER – 84385857		•		•	•	•	•	•	•	•	•	•	•	•	R				R		
72" ROTARY CUTTER - High Flow – 84395113			•		•											R	R		R		
72" ROTARY CUTTER - High Flow – 84385858				•		•	•	•	•	•		•	•	•		R	R		R		
78" ROTARY CUTTER - High Flow – 84385859								•	•				•	•		R	R		R		

FEATURES

- Motor options for 15 - 40 gpm with internal relief for drive system protection and fast , controlled shut down
- High speed dual rotation blades for small trees and brush up to 4" in diameter
- Stump jumper blade carrier for ease of operation and gearbox protection
- Exclusive blade stall indicator
- Heavy-duty 1/4" high strength steel deck with heavy-duty skid shoes for added strength and rigidity
- Side discharge chute
- Lift limiting safety chain
- Hoses and flat face hydraulic disconnects included
- Operation/Service Part Manual



APPLICATIONS

- For small trees and brush up to 4" in diameter

REQUIREMENTS FOR OPERATION

- Demolition Door (must order separately from parts)
- Standard auxiliary hydraulics(as indicated)
- High flow auxiliary/case drain (as indicated)

SILAGE DEFACER

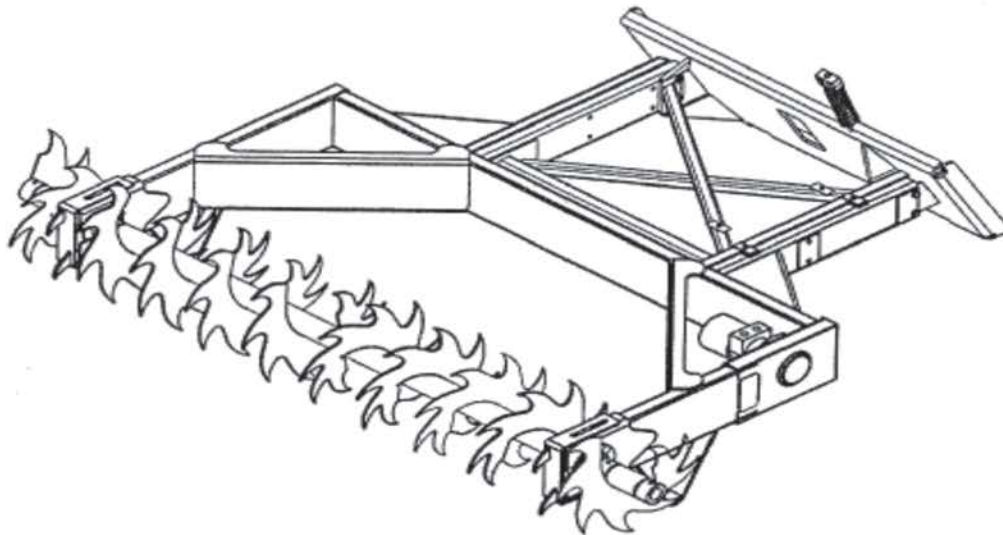
Ex Works – Delhi, IA

AUXILIARY BOOM HYDRAULICS REQUIRED – REAR COUNTERWEIGHTS RECOMMENDED	PART NUMBER	WEIGHT LB	PRICE
SILAGE DEFACER	87045796	940	\$5,801.00

MODEL COMPATIBLTY	SR130 SR150	SR175 SV185	SR200	SR220		SV250 SR250	SV300		TR270			TR320 TV380	REQ'D EQUIPMENT					
	410	420	430	440	435	445 450	465	420CT		440CT	445CT 450CT		STD FLOW	HIGH FLOW	CASE DRAIN	FRONT ELEC	DEMO DOOR	2ND AUX
SILAGE DEFACER		•	•	•	•	•	•	•	•	•	•	•	R					

FEATURES

- 3-position, extendable frame. Working heights up to 19', depending on loader lift height, loader capacity and frame position
- Inverted auger style cutter loosens haylage and silage from tightly compacted bunker silos
- Maintains smooth compacted bunker face for reduced spoilage and improved palatability
- Does not reduce haylage stem length for optimum digestibility yielding higher milk production
- Open frame design allows the operator so see the bunker face
- 96" full width cut and inboard mounted drive motor allows defacer to operate closer to bunker walls
- Frame stands protect rotor when running or parked
- Cutter made from abrasion-resistant steel for long life
- Enclosed #80H chain drive with simple chain tension adjustment
- For skid-steers with 15-25 gpm hydraulic flow



SILT FENCE INSTALLERS

Ex Works – Gilman, IA

	PART NUMBER	WEIGHT LB	PRICE
SILT FENCE INSTALLER with integrated skid-steer mount	87596133	840	\$6,489.00
SILT FENCE INSTALLER with 3-point mount (requires 87596137 for skid steer operation)	87596134	825	\$6,489.00
SILT FENCE INSTALLER with 3 point mount and 72" sliding offset hitch (requires 87596137 for skid steer operation)	87596135	1260	\$7,811.00
SILT FENCE INSTALLER with 3 point mount and 84" sliding offset hitch (requires 87596137 for skid steer operation)	87596136	1315	\$7,811.00

BASE UNIT OPTIONS (Order as Needed)

Skid-steer adapter bracket for 3-point mount models used on skid-steers	87596137	255	\$746.00
Hydraulic top link kit for 3-point mount models used on tractors	87596138	35	\$355.00

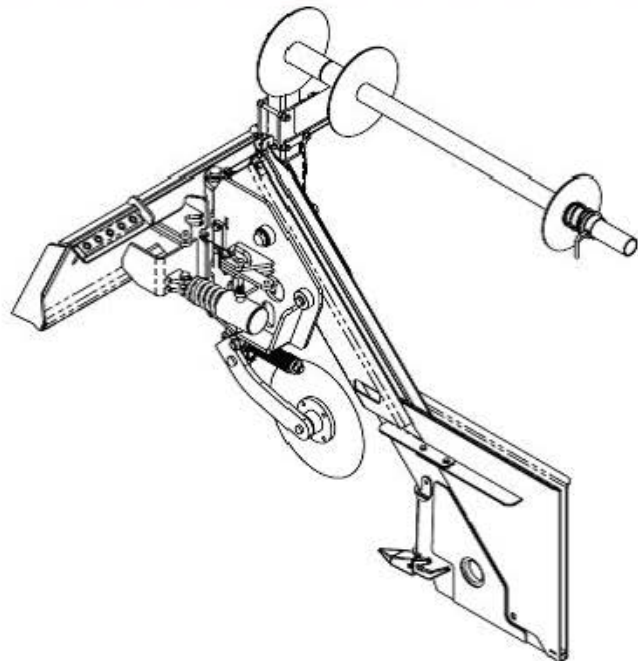
MODEL COMPATIBILTY	SR130	SR150	SR175 SV185	SR200	SR220		SV250 SR250	SV300		TR270			TR320 TV380	REQ'D EQUIPMENT						
		410	420	430	440	435	445 450	465	420CT		440CT	445CT 450CT		STD FLOW	HIGH FLOW	CASE DRAIN	FRONT ELEC	DEMO DOOR	2ND AUX	
SILT FENCE INSTALLER – SSL	•	•	•	•	•	•	•	•	•	•	•	•	•							
SILT FENCE INSTALLER – 3-PT HITCH		•	•	•	•	•	•	•	•	•	•	•	•							
SILT FENCE INSTALLER – 3-PT HITCH 72" OFFSET					•	•	•	•		•	•	•	•							
SILT FENCE INSTALLER – 3-PT HITCH 84" OFFSET					•	•	•	•		•	•	•	•							

FEATURES

- Simple, economical, efficient silt fence installation
- Install 36", 42" or 48" standard fence
- Place fence up to 20" depth
- Skid-steer or 3-point models (skid-steer adapter available for 3-point models)
- Spring-loaded coulter cuts through trash, roots and sod
- Static blade, no hydraulics required

APPLICATIONS

- Install silt fence around job sites



SKID HOE

Ex Works – Delhi, IA

BASE UNIT includes mounting bracket, boom, cylinder, bucket linkage, hoses and QDs. Must order bucket for complete unit.

AUXILIARY BOOM HYDRAULICS REQUIRED (See note below for additional requirements)	PART NUMBER	WEIGHT LB	PRICE
SKID HOE	87487656	305	\$2,333.00

IMPORTANT:

This attachment requires base end bucket circuit port relief valve to be installed in loader control valve. Order Case part no. 87445935 for all manual control units up to recent production. Later production manual control machines have port relief valves included. All pilot controlled units, track models and all 450 models have had factory installed port relief valves since first production. Confirm port relief valve installation before operating this attachment.

ADDITIONAL EQUIPMENT (Must order bucket for complete unit)

	PART NUMBER	WEIGHT LB	PRICE
10" Bucket (.9 ft³)	86547428	72	\$480.00
12" Bucket (1.2 ft³)	86547429	76	\$500.00
16" Bucket (1.9 ft³)	86547430	89	\$532.00
18" Bucket (2.1 ft³)	86547431	95	\$555.00
24" Bucket (3.1 ft³)	86547432	115	\$601.00

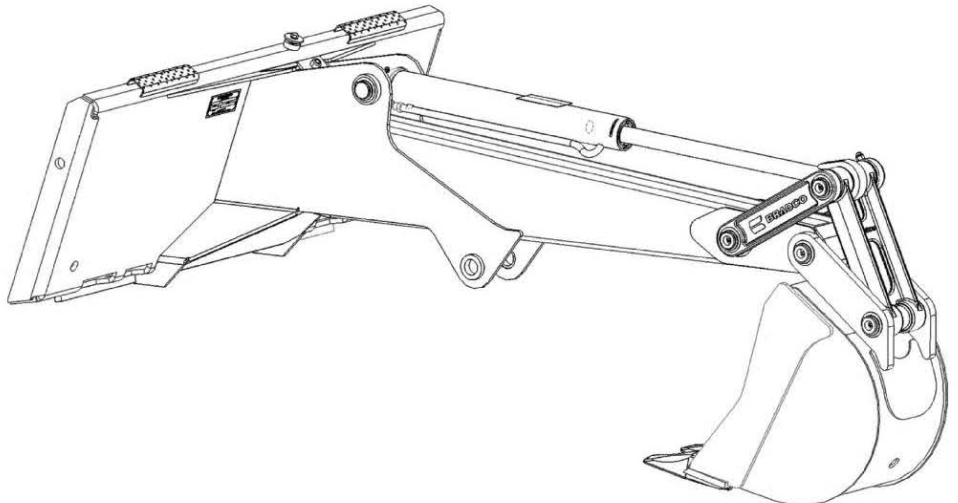
OPTIONAL EQUIPMENT

RIGID THUMB ATTACHMENT - factory installed	87487657	70	\$750.00
RIGID THUMB ATTACHMENT - field installed	87487658	90	\$566.00

MODEL COMPATIBLTY	SR130 SR150	SR175 SV185	SR200	SR220		SV250 SR250	SV300		TR270			TR320 TV380	REQ'D EQUIPMENT					
	410	420	430	440	435	445 450	465	420CT		440CT	445CT 450CT		STD FLOW	HIGH FLOW	CASE DRAIN	FRONT ELEC	DEMO DOOR	2ND AUX
SKID HOE	•	•	•	•	•	•	•	•	•	•	•	•	R					

FEATURES

- Digs trenches up to 6' deep with a skid steer
- Provides excellent mobility for digging footings
- Does not require stabilizers
- 2-1/4" x 18-1/4" cylinder provides up to 3,895 lb. breakout force
- Buckets common with 408/485 backhoes
- Thumb ready – factory or field installed
- Excellent for digging trenches or footings



SNOW BLADES (STANDARD DUTY)

Ex Works – Dexter, MI

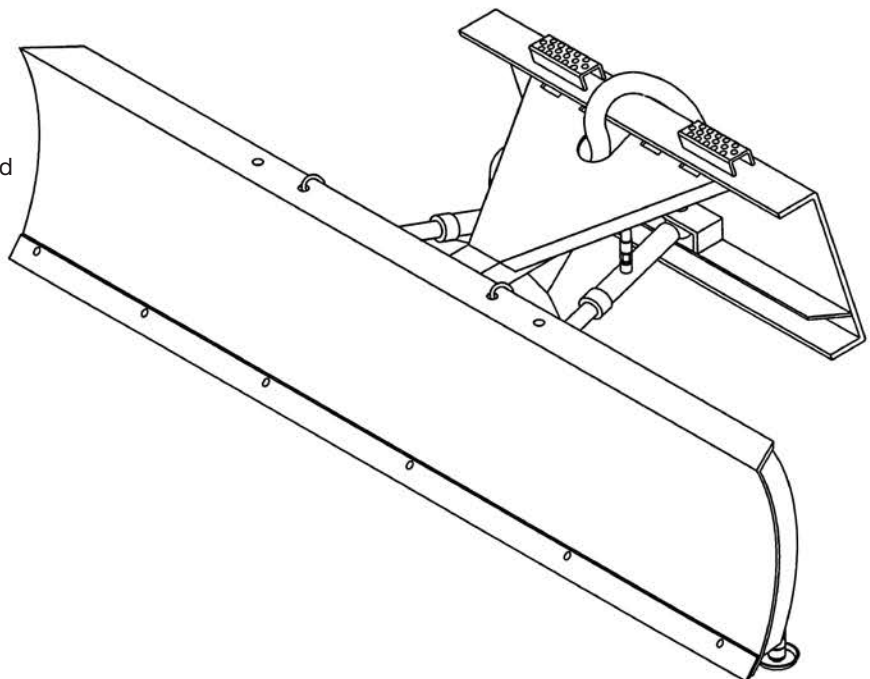
Units are shipped complete with mounting bracket, hydraulic angling, hoses and quick couplers.

STANDARD AUXILIARY BOOM HYDRAULICS REQUIRED	PART NUMBER	WEIGHT LB	PRICE
SNOW BLADE, 60"	442972A1	450	\$3,185.00
SNOW BLADE, 72"	H673881	475	\$3,268.00
SNOW BLADE, 84"	H673869	500	\$3,349.00

MODEL COMPATIBILITY	SR130 SR150	SR175 SV185	SR200		SR220		SV250 SR250	SV300		TR270			TR320 TV380	REQ'D EQUIPMENT					
	410	420		430 440		435	445 450	465	420CT		440CT	445CT 450CT		STD FLOW	HIGH FLOW	CASE DRAIN	FRONT ELEC	DEMO DOOR	2ND AUX
60" SNOW BLADE	•	•												R					
72" SNOW BLADE	•	•	•	•	•				•					R					
84" SNOW BLADE			•	•	•				•					R					

FEATURES

- Adjustable skid shoes
- Spring loaded trip protection
- Blade angle 30° maximum
- Reversible, replaceable edge
- Flat face hydraulic quick disconnects included
- Hydraulic hoses included
- 21.5" blade height
- 7 gauge reinforced moldboard
- Locking bolts for light dozer applications



SNOW BLADES (HEAVY DUTY)

Ex Works – Dexter, MI

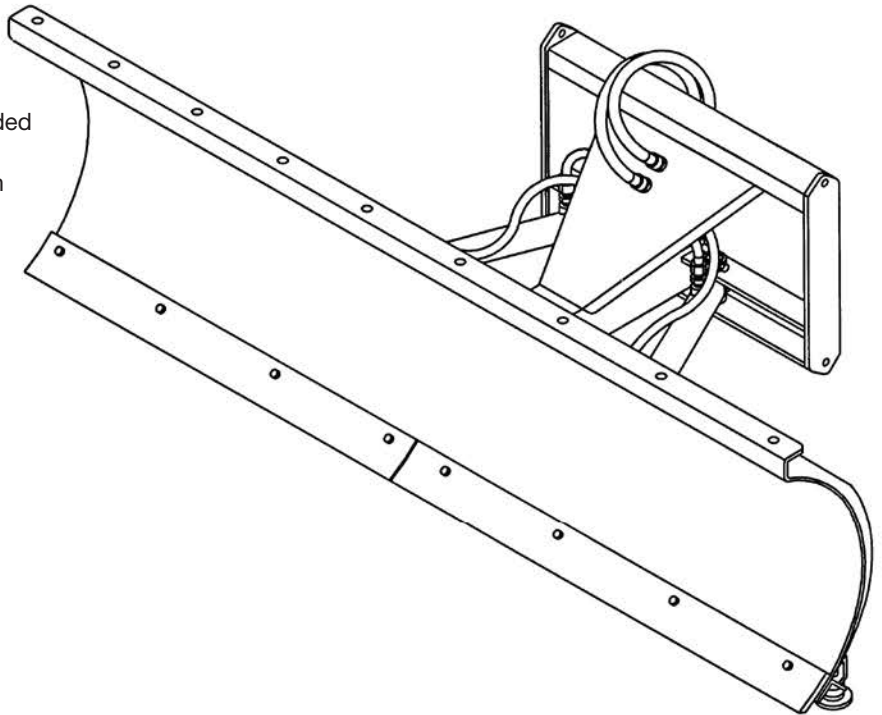
Units are shipped complete with mounting bracket, hydraulic angling, hoses and quick couplers.

STANDARD AUXILIARY BOOM HYDRAULICS REQUIRED	PART NUMBER	WEIGHT LB	PRICE
SNOW BLADE, 84", w/steel cutting edge	442973A1	1135	\$4,256.00
SNOW BLADE, 96", w/steel cutting edge	442974A1	1172	\$4,440.00
SNOW BLADE, 108", w/steel cutting edge	442975A1	1240	\$4,625.00
SNOW BLADE, 84", w/soft cutting edge	442977A1	1076	\$4,796.00
SNOW BLADE, 96", w/soft cutting edge	442978A1	1105	\$5,057.00
SNOW BLADE, 108", w/soft cutting edge	442979A1	1153	\$5,321.00

MODEL COMPATIBILTY	SR130 SR150	SR175 SV185	SR200	SR220		SV250 SR250	SV300		TR270			TR320 TV380	REQ'D EQUIPMENT					
	410	420	430	440	435	445 450	465	420CT		440CT	445CT 450CT		STD FLOW	HIGH FLOW	CASE DRAIN	FRONT ELEC	DEMO DOOR	2ND AUX
84" SNOW BLADE		•	•	•	•	•	•	•	•	•		•	R					
96" SNOW BLADE			•	•	•	•	•		•	•	•	•	R					
108" SNOW BLADE				•	•	•	•		•	•	•	•	R					

FEATURES

- Adjustable skid shoes
- Spring loaded trip protection
- Flat face hydraulic quick disconnects included
- Hydraulic hoses included
- 35 degree hydraulic angle in either direction
- 31.75" blade height
- 10 gauge reinforced moldboard
- Available with steel or rubber cutting edge



SNOW BLADES, TRIP EDGE

Ex Works – Dexter, MI

BASE UNITS include steel edge, hoses and Quick Disconnects.

STANDARD AUXILIARY BOOM HYDRAULICS REQUIRED	PART NUMBER	WEIGHT LB	PRICE
TRIP EDGE SNOW BLADE, 72"	84281633	670	\$4,295.00
TRIP EDGE SNOW BLADE, 90"	84281634	816	\$4,395.00
TRIP EDGE SNOW BLADE, 102"	84281635	925	\$4,595.00
TRIP EDGE SNOW BLADE, 119"	84281636	1040	\$4,795.00

OPTIONAL EQUIPMENT (ORDER AS NEEDED)

Marker Kit	84281638	1	\$104.00
Curb Guard Kit	84281640	12	\$91.00
Polyurethane Edge, 72"	84281641	38	\$799.00
Polyurethane Edge, 90"	84281642	47	\$947.00
Polyurethane Edge, 102"	84281643	53	\$1,184.00
Polyurethane Edge, 119"	84281644	62	\$1,295.00
Rubber Edge, 72"	84281645	31	\$351.00
Rubber Edge, 90"	84281646	38	\$369.00
Rubber Edge, 102"	84281647	43	\$1,045.00
Rubber Edge, 119"	84281648	50	\$370.00
Replacement Steel Edge, 72"	84281673	60	\$266.00
Replacement Steel Edge, 90"	84281675	75	\$251.00
Replacement Steel Edge, 102"	84281676	85	\$285.00
Replacement Steel Edge, 119"	84281677	99	\$307.00
Deflector, 72"	84281678	19	\$191.00
Deflector, 90"	84281679	22	\$132.00
Deflector, 102"	84281681	24	\$149.00
Deflector, 119"	84281682	27	\$229.00

MODEL COMPATIBILITY	SR130	SR150	SR175	SV185	SR200	SR220		SV250	SR250	SV300		TR270			TR320	TV380	REQ'D EQUIPMENT					
	410	420	430	440	435	445	450	465	420CT		440CT	445CT	450CT				STD FLOW	HIGH FLOW	CASE DRAIN	FRONT ELEC	DEMO DOOR	2ND AUX
72" SNOW BLADE	•	•	•	•					•	•					•		R					
90" SNOW BLADE	•	•	•	•	•	•	•	•	•	•	•				•		R					
102" SNOW BLADE					•	•	•	•	•	•	•	•	•		•		R					
119" SNOW BLADE					•	•	•	•			•	•	•		•		R					

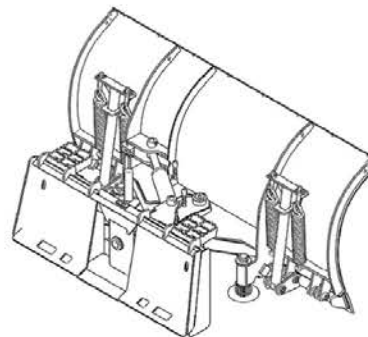
FEATURES

- Hydraulic angle - 30° left and right
- 6° tilt each way from horizontal
- Optional high strength steel curb guard, rubber or polyurethane edge, rubber 3-ply snow deflector
- High visibility yellow moldboard
- Cutting edge trip system
- Adjustable skid shoes

SPECIFICATIONS				
Width (in.)	72	90	102	119
Operating Weight (lbs.)	600	746	855	970
Height (in.)	32	32	32	32
Depth	41	41	41	41
Cutting Width @ 30° angle (in.)	62	78	88	103

REQUIREMENTS FOR OPERATION

- Standard auxiliary hydraulics



SNOW BLOWERS, HIGH FLOW

Ex Works – Dexter, MI

Snow blowers include skid steer mounting bracket, wire harness to boom electrical connector, hoses and hydraulic couplers.

STANDARD AUXILIARY BOOM HYDRAULICS AND ELECTRIC CONTROL KIT REQUIRED	PART NUMBER	WEIGHT LB	PRICE
72" SNOW BLOWER (F, 22-34 gpm)	84592485	1200	\$9,851.00
72" SNOW BLOWER (G - Dual, 19-34 gpm)	84421455	1210	\$11,356.00
72" SNOW BLOWER (H - Dual, 30-42 gpm)	84592487	1210	\$12,278.00
84" SNOW BLOWER, (F, 22-34 gpm)	84592489	1280	\$12,252.00
84" SNOW BLOWER (G - Dual, 19-34 gpm)	84421456	1290	\$11,735.00
84" SNOW BLOWER (H - Dual, 30-42 gpm)	84592491	1290	\$12,474.00
96" SNOW BLOWER (H - Dual, 30-42 gpm)	84592493	1370	\$12,693.00
84" SNOW BLOWER (G - Dual, EHF) Includes EHF harness. No optional wiring harness	47358362	1290	\$11,890.00
96" SNOW BLOWER (G - Dual, EHF) Includes EHF harness. No optional wiring harness	47358363	1370	\$12,190.00

BASE UNIT OPTIONS (Must Order One - Not Required for EHF Units.)

Electric Harness Adapter (14 pin round connector - all 40XT, 60XT, 70XT and 75XT, 85XT, 90XT, 95XT built after 9/1/2001 and all 400 series and all Alpha-series.	87023319	1	\$234.00
Electrical Control Package. Controls chute rotation and deflector. Package includes magnetically mounted in-cab control box, boom wiring harness and wiring to battery. Connects to wiring harness supplied with blower. For machines without Electric Control Kit.	87023320	5	\$169.00
Electric Harness Adapter (8 pin rectangular connector 75XT, 85XT, 90XT, 95XT built before 9/1/2001)	87414348	1	\$124.00

MODEL COMPATIBLTY	SR130 SR150	SR175 SV185	SR200 SR220			SV250 SR250	SV300			TR270		TR320 TV380	REQ'D EQUIPMENT							
	410	420		430	440	435 445	450 465		420CT	440CT		445CT 450CT		STD FLOW	HIGH FLOW	EHF	CASE DRAIN	FRONT ELEC	DEMO DOOR	2ND AUX
72" SNOW BLOWER (F, 22-34 gpm)		•	•	•		•			•		•				R			O		
72" SNOW BLOWER (G - Dual, 19-34 gpm)		•	•	•					•		•				R			O		
72" SNOW BLOWER (H - Dual, 30-42 gpm)					•		•			•					R			O		
84" SNOW BLOWER, (F, 22-34 gpm)			•	•		•			•		•				R			O		
84" SNOW BLOWER (G - Dual, 19-34 gpm)			•	•					•		•				R			O		
84" SNOW BLOWER (H - Dual, 30-42 gpm)					•	•	•			•		•	•		R			O		
96" SNOW BLOWER (H - Dual, 30-42 gpm)						•	•	•				•	•		R			O		
84" SNOW BLOWER (G - Dual, EHF)							•						•			R	R	R		
96" SNOW BLOWER (G - Dual, EHF)							•						•			R	R	R		

HIGH FLOW SNOW BLOWERS

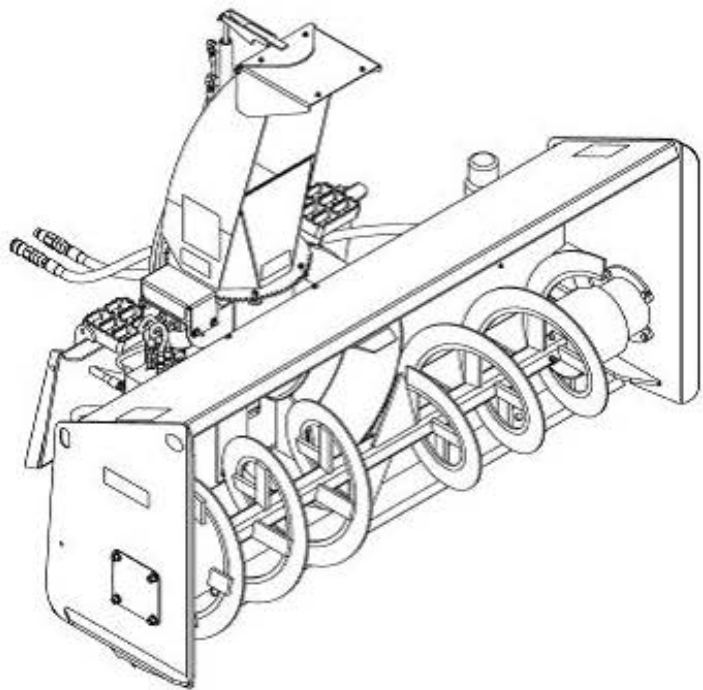
Ex Works – Dexter, MI

FEATURES

- Two-stage hydraulic blowers blow snow up to 45 ft.
- Direct drive motors eliminate moving parts and wear
- Electrically-controlled, poly-lined chute and deflector
- Bolt-on replaceable wear edge, 1/2" x 4"
- 3/4" main drive hoses
- 5/8" supply hoses
- Adjustable skid shoes

REQUIREMENTS FOR OPERATION

- High flow hydraulics required
- Front electric kit installed on loader or complete control package



SPECIFICATIONS								
Model	72F	72G	72H	84F	84G	84H	96G	96H
Cut Height (in.)	36	36	36	36	36	36	36	36
Flow Range (gpm)	22-34	19-34	30-42	22-34	19-34	30-42	19-34	30-42
Auger Drive	Single motor	Dual motor	Dual motor	Single motor	Dual motor	Dual motor	Dual motor	Dual motor
Auger Diameter (in.)	18	18	18	18	18	18	18	18
Fan Drive	Single motor	Single motor	Single motor	Single motor	Single motor	Single motor	Single motor	Single motor
Fan Diameter	26	26	26	26	26	26	26	26
No. of fan blades	4	4	4	4	4	4	4	4

SNOW BLOWERS, STANDARD FLOW

Ex Works – Dexter, MI

STANDARD AUXILIARY BOOM HYDRAULICS REQUIRED	PART NUMBER	WEIGHT LB	PRICE
SNOW BLOWER, 60" (D, 14 - 21 gpm)	84421457	650	\$6,300.00
SNOW BLOWER, 72" (D, 14 - 21 gpm)	84421458	685	\$6,447.00
SNOW BLOWER, 72" (E, 18 - 27 gpm)	84421459	685	\$6,808.00
SNOW BLOWER, 84" (E, 18 - 27 gpm)	84421460	720	\$7,338.00

BASE UNIT OPTIONS (Must Order One)

Electric Harness (14 pin round connector - all 40XT, 60XT, 70XT and 75XT, 85XT, 90XT, 95XT built after 9/1/2001), all 400 series and all Alpha series	87023319	1	\$234.00
Electrical Control Package. Controls chute rotation and deflector. Package includes magnetically mounted in-cab control box, boom wiring harness and wiring to battery. Connects to wiring harness supplied with blower. For machines without Electric Control Kit.	87023320	6	\$169.00
Electric Harness (8 pin connector - 75XT, 85XT, 90XT, 95XT built before 9/1/2001)	87414348	1	\$124.00

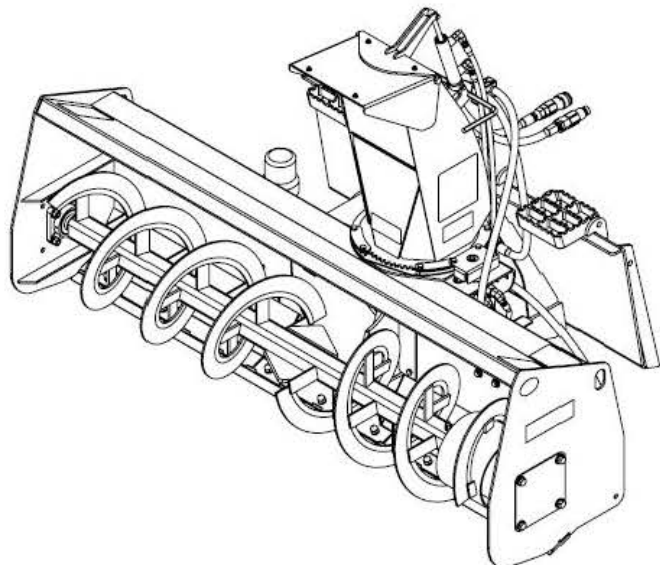
MODEL COMPATIBILTY	SR130 SR150			SR175 SV185	SR200 SR220	SV250		SR250 SV300		TR270		TR320 TV380	REQ'D EQUIPMENT					
		410	420		430 440	435 445	450	465	420CT	440CT	445CT 450CT		STD FLOW	HIGH FLOW	CASE DRAIN	FRONT ELEC	DEMO DOOR	2ND AUX
SNOW BLOWER, 60" (D, 14 - 21 gpm)	•	•											R			O		
SNOW BLOWER, 72" (D, 14 - 21 gpm)	•			•									R			O		
SNOW BLOWER, 72" (E, 18 - 27 gpm)		•	•		•	•	•	•	•	•			R			O		
SNOW BLOWER, 84" (E, 18 - 27 gpm)					•	•	•	•		•	•	•	R			O		

FEATURES

- Two-stage hydraulic blowers blow snow up to 35 ft.
- Excellent visibility
- Electro-hydraulically controlled poly-lined chute and deflector
- High volume 24-1/2" shroud opening with 14" diameter auger and 18" diameter fan
- Wear resistant steel edge 3/8" x 3"
- 12 gauge reinforced wrapper
- Adjustable skid shoes

REQUIREMENTS FOR OPERATION

- Standard auxiliary hydraulics
- Front electric kit installed on loader or complete electrical control package



SNOW BUCKETS

Ex Works – Dexter, MI

	PART NUMBER	WEIGHT LB	PRICE
MEDIUM DUTY SNOW BUCKET, 84"	87324180	725	\$1,741.00
MEDIUM DUTY SNOW BUCKET, 96"	87324181	775	\$1,857.00
HEAVY DUTY SNOW BUCKET, 96"	87324182	980	\$2,304.00
HEAVY DUTY SNOW BUCKET, 108"	87324183	1060	\$2,361.00

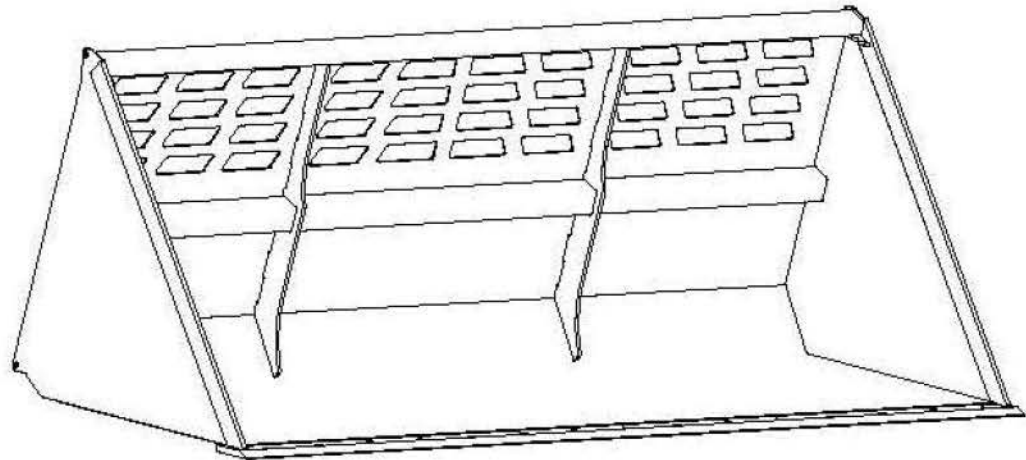
ADDITIONAL EQUIPMENT (Order as needed)

Bolt-on Cutting edge kit 84" (incl. reversible edge and hardware)	87324184	141	\$473.00
Bolt-on Cutting edge kit 96" (incl. reversible edge and hardware)	87324185	161	\$485.00
Bolt-on cutting edge kit 108" (incl. reversible edge and hardware)	87324186	181	\$566.00

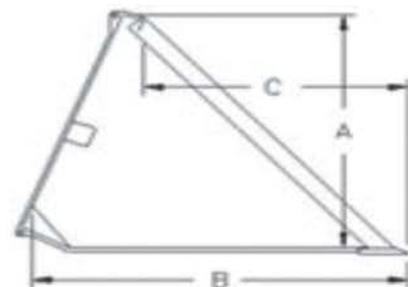
MODEL COMPATIBILITY	SR130	SR150	SR175	SV185	SR200	SR220		SV250	SR250	SV300		TR270		TR320	TV380	REQ'D EQUIPMENT					
	410	420	430	440	435	445	450	465	420CT		440CT	445CT	450CT			STD FLOW	HIGH FLOW	CASE DRAIN	FRONT ELEC	DEMO DOOR	2ND AUX
MEDIUM DUTY SNOW BUCKET, 84"	•	•	•	•	•				•	•	•										
MEDIUM DUTY SNOW BUCKET, 96"			•	•	•				•	•	•										
HEAVY DUTY SNOW BUCKET, 96"				•	•	•	•			•	•	•	•								
HEAVY DUTY SNOW BUCKET, 108"							•	•				•	•								

FEATURES

- Move large volumes of snow or other loose material efficiently
- Cut out back plate for improved visibility
- Pre-drilled cutting edges for bolt on edge



SPECIFICATIONS					
	Height A	Depth B	Leading Edge C	Struck Cap.	Heaped Cap.
84" Medium Duty	30"	42"	29.7"	1.14 yd ³	1.47 yd ³
96" Medium Duty	30"	42"	29.7"	1.31 yd ³	1.70 yd ³
96" Heavy Duty	38"	46"	32.5"	1.83 yd ³	2.36 yd ³
108" Heavy Duty	38"	46"	32.5"	2.07 yd ³	2.67 yd ³



SNOW PUSH

Ex Works – Dexter, MI

	PART NUMBER	WEIGHT LB	PRICE
SNOW PUSH, 72", low profile	87748810	751	\$2,421.00
SNOW PUSH, 84", low profile	87748811	822	\$2,885.00
SNOW PUSH, 96"	446009A1	1005	\$3,736.00
SNOW PUSH, 120"	446010A1	1145	\$3,998.00

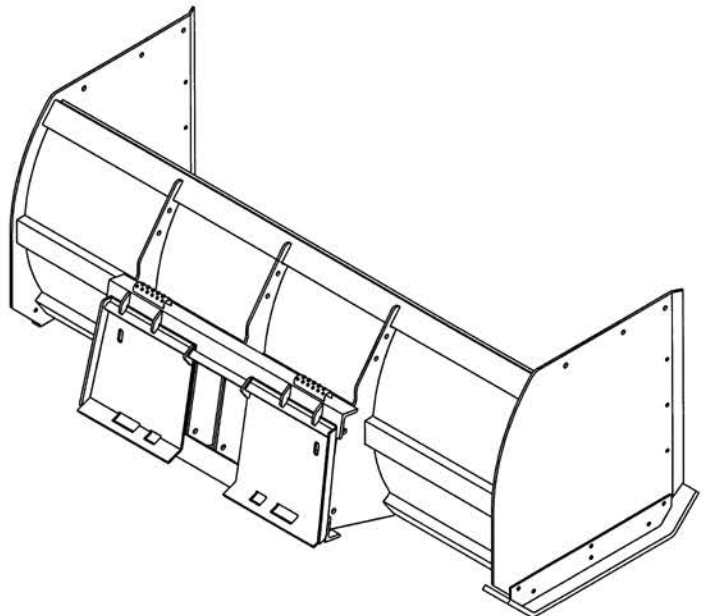
BASE UNIT OPTIONS (Order as Needed)

Pull Back Kit for 72" Snow Push	446011A1	227	\$602.00
Pull Back Kit for 84" Snow Push	446012A1	270	\$978.00
Pull Back Kit for 96" Snow Push	446013A1	286	\$937.00
Pull Back Kit for 120" Snow Push	446014A1	326	\$1,037.00
Rubber Edge Kit for 72" Pull Back Kit	446015A1	35	\$551.00
Rubber Edge Kit for 84" Pull Back Kit	446016A1	43	\$531.00
Rubber Edge Kit for 96" Pull Back Kit	446017A1	50	\$638.00
Rubber Edge Kit for 120" Pull Back Kit	446018A1	61	\$771.00

MODEL COMPATIBILITY	SR130 SR150	SR175 SV185	SR200	SR220		SV250 SR250	SV300		TR270			TR320 TV380	REQ'D EQUIPMENT					
	410	420	430	440	435	445 450	465	420CT		440CT	445CT 450CT		STD FLOW	HIGH FLOW	CASE DRAIN	FRONT ELEC	DEMO DOOR	2ND AUX
72" LP SNOW PUSH	•	•	•	•	•			•	•	•								
84" LP SNOW PUSH	•	•	•	•	•	•	•	•	•	•	•	•						
96" SNOW PUSH			•	•	•	•	•		•	•	•	•						
120" SNOW PUSH						•	•			•	•	•						

FEATURES

- Moves large volumes of snow efficiently.
- Works well for waste water, manure, feed lot & flood clean-up.
- Draws back snow from confined areas with optional pull back kit.
- Reversible, 1-1/2" x 10" rubber edge on main blade
- 3/4" x 6" abrasion resistant steel skid shoes on end plates
- 28.6" high x 49.3" deep (72" & 84")
- 39.5" high x 49.3" deep (96" & 120")



STUMP GRINDERS

Ex Works – Delhi, IA

Stump grinders include skid-steer mounting bracket, wire harness to boom electrical connector, hoses and hydraulic couplers.

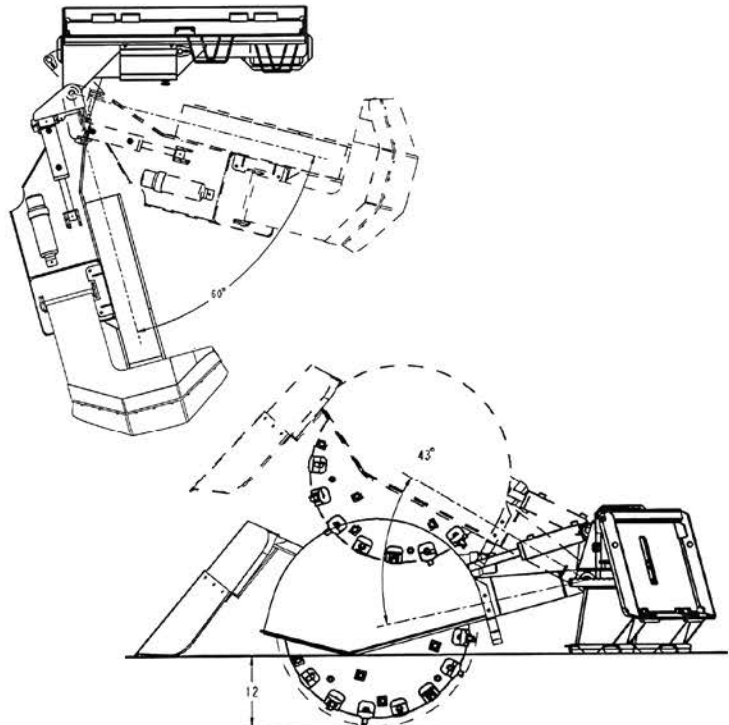
ELECTRIC CONTROL KIT REQUIRED AND AUXILIARY HYDRAULICS AS NOTED	PART NUMBER	WEIGHT LB	PRICE
STUMP GRINDER, Model SG26, standard flow (requires standard flow boom hydraulics, 15 - 22 gpm)	87050300	790	\$8,020.00
STUMP GRINDER, Model SG30, high flow (requires high flow boom hydraulics, 25 - 42 gpm)	87050301	860	\$9,397.00

ADDITIONAL COMPONENTS (ORDER AS NEEDED)

Electrical control package, controls arm swing & depth. Package includes magnetically mounted, in-cab control box, boom wiring harness & wiring to battery. Connects to wiring harness supplied with stump grinder. For loaders not equipped with front electric kit.	87050304	3	\$822.00
Wire harness adapter for 75XT, 85XT, 90XT, 95XT (adapts pre 9/1/2002 75XT, 85XT, 90XT, 95XT with 8-pin connector to 14-pin connector)	87048529	2	\$147.00

MODEL COMPATIBILITY	SR130	SR150	SR175 SV185		SR200	SR220		SV250 SR250	SV300		TR270		TR320 TV380	REQ'D EQUIPMENT					
	410	420	430		440	435	445 450	465	420CT		440CT	445CT 450CT		STD FLOW	HIGH FLOW	CASE DRAIN	FRONT ELEC	DEMO DOOR	2ND AUX
STUMP GRINDER – STD FLOW (15-22)	•	•	•	•	•	•	•	•	•	•	•	•	•	R			R		
STUMP GRINDER – HIGH FLOW (25-42)		•	•	•	•	•	•	•	•	•	•	•	•		R	R	R		

SPECIFICATIONS		
	SG26 Standard Flow	SG30 High Flow
Overall Length	84 in.	84 in.
Overall Width	58 in.	58 in.
Overall Height	37 in.	37 in.
Weight (approx)	790 lb.	860 lb.
Wheel Diameter	26 in.	30 in.
Cutting Diameter	29 in.	33 in.
Number of Teeth	28	28
Flow Requirement	15-22 gpm	25-42 gpm
Max Pressure (continuous)	3000 psi	3000 psi
Wheel Speed	575-850 rpm	515-860 rpm
Lateral Sweep	60 degrees	60 degrees
Vertical Lift	43 degrees	43 degrees



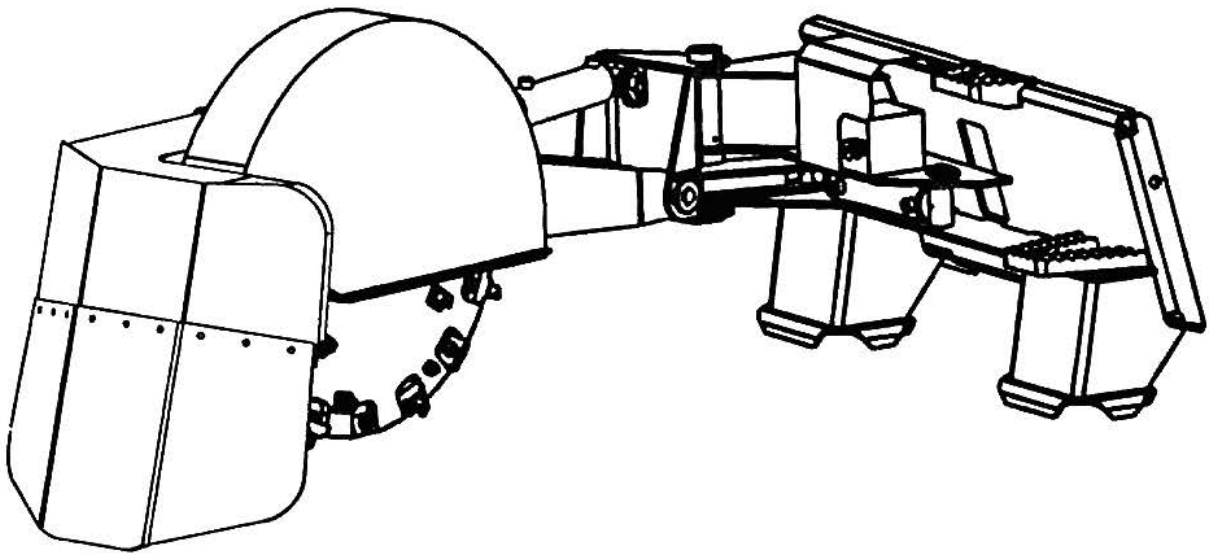
Stump Grinders (Continued next page)

STUMP GRINDERS – continued

Ex Works – Delhi, IA

FEATURES

- Models available for standard flow and high flow skid-steers
- Grinds stumps up to 12 inches below ground level
- 60 degree range of motion covers 45 inches in a single sweep
- Chips thrown away from loader protects operator
- Floating guard contains chips and allows better control when grinding below grade
- Operation from inside loader with multi-function control kit
- Adjustable valve permits operator to fine tune control swing and lift speeds
- Hydraulic braking action on wheel for faster shut-down
- Offset mount swing arm provides excellent visibility of stump while grinding
- Frame-mounted grouser pads provide exceptional stability with minimal ground disturbance
- Greasable hardened steel pivot pins for low maintenance and long life
- Durable carbide-tipped tooth with single lock nut used in all locations on wheel for ease of maintenance
- Tooth arrangement permits cutting from side to side and vertical directions
- Long-lasting powder coat finish used throughout frame and structure
- Double wall construction on moveable front shield
- Proven heavy-duty gearbox drive with torque arm motor support for longer motor and drive system life
- Large wheel diameter for high cutting force
- Easy access to all drive system and moving components allows for quick maintenance



THREE-POINT HITCH

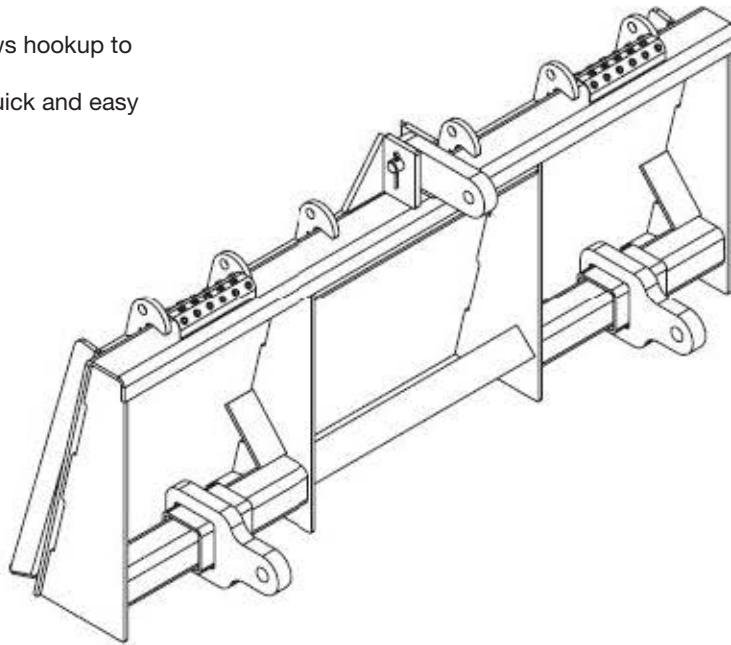
Ex Works – Delhi, IA

	PART NUMBER	WEIGHT LB	PRICE
THREE POINT HITCH	H674390	208	\$1,210.00

MODEL COMPATIBILITY	SR130 SR150	SR175 SV185	SR200	SR220		SV250 SR250	SV300		TR270			TR320 TV380	REQ'D EQUIPMENT					
	410	420	430	440	435	445 450	465	420CT		440CT	445CT 450CT		STD FLOW	HIGH FLOW	CASE DRAIN	FRONT ELEC	DEMO DOOR	2ND AUX
THREE POINT HITCH ADAPTER	•	•	•	•	•	•	•	•	•	•	•	•						

FEATURES

- Attaches like regular bucket, allows hookup to Category 1 equipment
- Bottom two arms slide to allow quick and easy hookup and maximum versatility



TILLERS

Ex Works – Delhi, IA

BASE UNITS (include hoses and QDs)

	PART NUMBER	WEIGHT LB	PRICE
HT52 - 52" Tiller (14-17 gpm)	84412545	880	\$5,426.00
HT52 - 52" Tiller (18-25 gpm)	87311526	880	\$5,426.00
HT66 - 66" Tiller (14-17 gpm)	84412546	1100	\$5,959.00
HT66 - 66" Tiller (18-25 gpm)	87311527	1100	\$5,959.00
HT66H - 66" Tiller HF (28-40 gpm)	87343219	1100	\$6,663.00
HT78H - 78" Tiller HF (28-40 gpm)	87343220	1370	\$7,119.00

ADDITIONAL COMPONENTS (Order as Needed)

Scarifier Kit for HT52	87311523	40	\$242.00
Scarifier Kit for HT66, HT66H	87311524	50	\$277.00
Scarifier Kit for HT78H	87343216	60	\$350.00

MODEL COMPATIBLTY	SR130	SR150		SR175	SV185	SR200	SR220		SV250	SR250	SV300		TR270			TR320	TV380	REQ'D EQUIPMENT							
			410	420	430	440	435	445	450	465	420CT		440CT	445CT	450CT		STD FLOW	HIGH FLOW	CASE DRAIN	FRONT ELEC	DEMO DOOR	2ND	AUX		
52" TILLER – STD FLOW (14-17)		•															R								
52" TILLER – STD FLOW (18-25)			•	•	•	•	•	•	•	•	•	•	•	•	•	•	R								
66" TILLER – STD FLOW (14-17)		•															R								
66" TILLER – STD FLOW (18-25)			•	•	•	•	•	•	•	•	•	•	•	•	•	•	R								
66" TILLER – HIGH FLOW (28-40)				•	•	•	•	•	•	•	•	•	•	•	•	•		R	R						
78" TILLER – HIGH FLOW (28-40)						•	•	•	•	•	•	•	•	•	•	•		R	R						

STANDARD FEATURES

- Industry exclusive optional scarifiers pre-cuts rough crust to improve tiller efficiency
- Front hood is heavily ribbed which levels till as a leveling blade
- Exclusive off-set hitch on 52" allows tight cut next to obstacles
- Industry exclusive on 66" and 78" with dual hitch both off-set and center mount
- Productivity is further improved with high torque efficient chain system and large frame to handle trash
- Easily adjusted chain tension with CAM lock
- Dual rotation with bi-directional tines standard
- Single wide skid-shoe protects drive and controls depth

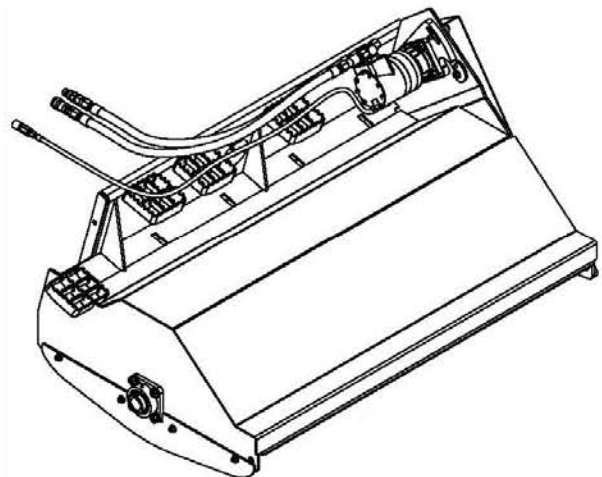
SPECIFICATIONS				
	HT52	HT66	HT66H	HT78H
Working Width (in.)	52	66	66	78
Overall Width (inches)	67.8	81.8	81.8	94.8
Weight - approx. (lbs.)	730	950	950	1220
Cutting Depth (in.)	6	6	6	6
Number of Tines	24	32	32	40
Flow Requirement (gpm)	14-17 18 - 28	14-17 18 - 28	28-40	28-40

APPLICATIONS

- Use for jobsite leveling, soil mixing, seedbed preparation

REQUIREMENTS FOR OPERATION

- Standard auxiliary hydraulics (as indicated)
- High flow auxiliary hydraulics (as indicated)



TILT-ATTACH

Ex Works – Delhi, IA

Base units include hoses and quick disconnects.

REQUIRES STANDARD AUXILIARY BOOM HYDRAULICS	PART NUMBER	WEIGHT LB	PRICE
TILT-ATTACH, Std Basic	84390761	330	\$4,273.00
TILT-ATTACH, Heavy Duty Basic	87383459	400	\$3,214.00
TILT-ATTACH, Heavy Duty with electric diverter valve	84257968	425	\$4,376.00

COMPLETING KITS (Must select one for Tilt-Attach with diverter valve)

UNIVERSAL CONTROL KIT - Includes wire harness, switchbox to be mounted in cab and connections for 12V power. For loaders not equipped with Front Electric Kit	84257970	20	\$350.00
HARNESS ADAPTER - Includes adapter to connect to 14 pin harness. For loaders equipped with Front Electric Kit	84257971	5	\$269.00

MODEL COMPATIBLTY	SR130 SR150	SR175 SV185	SR200	SR220		SV250 SR250	SV300		TR270			TR320 TV380	REQ'D EQUIPMENT							
	410	420	430	440	435	445 450	465	420CT		440CT	445CT 450CT		STD FLOW	HIGH FLOW	CASE DRAIN	FRONT ELEC	DEMO DOOR	2ND AUX		
TILT-ATTACH - STD BASIC	•												R							
TILT-ATTACH -HD BASIC		•	•	•	•	•	•	•	•	•	•	•	R					O		
HD TILT-ATTACH - HD DIVERTER VALVE		•	•	•	•	•	•	•	•	•	•	•	R			O				

FEATURES

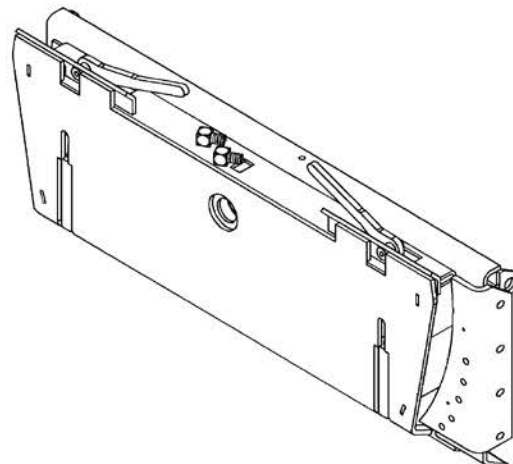
- Independently control attachment angle relative to loader
- Excellent tool for precision grading and contouring
- Mounts between loader and attachment
- Basic model for use with attachments not requiring aux. hydraulics or loader must be equipped with 2nd auxiliary
- Diverter valve model may be used with most standard flow hydraulic attachments

REQUIREMENTS FOR OPERATION

- Standard auxiliary hydraulics
- 2 auxiliary for Basic model if used with hydraulic attachments
- Front Electric Kit or Universal Control Kit for diverter valve model if used with hydraulic attachments

SPECIFICATIONS

	Standard	Heavy Duty
Rotation	+/- 18°	+/- 18°
Cylinder Bore	2.50"	2.50"
Cylinder Rod Diameter	1.25"	1.25"
Cylinder Stroke	3.0"	3.0"
Attachment Offset	4.3"	5.4"

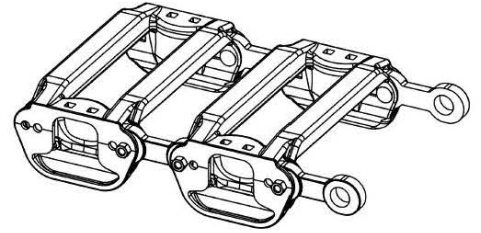


TRACKS, STEEL

Ex Works – West Fargo, ND

Track sets include tracks, hardware and ratchet/strap installation tool. Order wheel spacer kits separately as specified.

	PART NUMBER	WEIGHT LB	PRICE
F-Series Cast Tracks for 27/10.50x15 tires	84406432	840	\$2,607.00
F-Series Cast Tracks for 10.00x16.5 tires	87324797	918	\$2,956.00
F-Series Cast Tracks for 31.5/13x16.5 tires	87324798	839	\$3,675.00
F-Series Cast Tracks for 10x16.5 tires	87324799	969	\$3,126.00
F-Series Cast Tracks for 12.00x16.5 tires	87324800	1018	\$3,179.00
F-Series Cast Tracks for 33/15.50x16.5 tires	87324801	1145	\$3,877.00
F-Series Cast Tracks for 12.00x16.5 tires	87324802	1072	\$3,362.00
F-Series Cast Tracks for 33/15.50x16.5 tires	87324804	1200	\$4,100.00
F-Series Cast Tracks for 12.00x16.5 tires	87324805	1072	\$3,362.00
F-Series Cast Tracks for 33/15.50x16.5 tires	87324806	1206	\$4,100.00
F-Series Cast Tracks for 12.00x16.5 tires	87324807	1125	\$3,538.00
F-Series Cast Tracks for 33/15.50x16.5 tires	87324808	1266	\$4,321.00



Tracks are not compatible with semi-pneumatic, liquid filled, foam filled or any non-pneumatic tires.

ADDITIONAL COMPONENTS (Order as Needed)

Wheel spacer kit, 1-1/2" (M16)	84426158	70	\$451.00
Wheel spacer kit, 2" (M16)	84426159	84	\$504.00

MODEL COMPATIBILITY	SR130 SR150						SR175 SV185 SR200									SR220 SR250		SV250 SV300		SR220 SR/SV250 SV300	
			410 420 (<S3)		420-S3 430 440					435 445		450		465							
			40XT		60XT 70XT					75XT 85XT		90XT		95XT							
	10.00X16.5	27/10.50X15	10.00X16.5	31.5/13X16.5	10.00X16.5	12.00X16.5	33/15.5X16.5	10.00X16.5	12.00X16.5	33/15.5X16.5	12.00X16.5	33/15.5X16.5	12.00X16.5	33/15.5X16.5	12.00X16.5	33/15.5X16.5	12.00X16.5	33/15.5X16.5	12.00X16.5	33/15.5X16.5	14x17.5
84406432		•																			
87324797			•																		
87324798				•																	
87324799					•			•													
87324800						•			•												
87324801							•														
87324802										•											
87324804											•										
87324805												•									
87324806										•			•								
87324807														•		•			•		
87324808															•		•		•		
WHEEL SPACERS																					
84426158								SR	•	•						•	•				
84426159			•	•		•	•	SV				•		•				•*	•*		

*Minimal clearance to boom with 50mm stops.

TREE SHOVEL

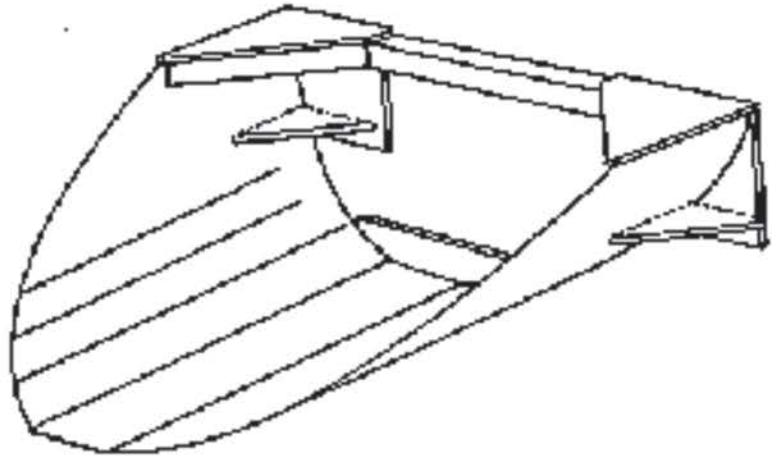
Ex Works – Dexter, MI

	PART NUMBER	WEIGHT LB	PRICE
TREE SHOVEL, 36"	87383455	260	\$1,502.00
TREE SHOVEL, 42"	87383456	360	\$1,577.00
TREE SHOVEL, 48"	87383457	460	\$1,683.00

MODEL COMPATIBILITY	SR130 SR150	SR175 SV185	SR200	SR220		SV250 SR250	SV300		TR270			TR320 TV380	REQ'D EQUIPMENT					
	410	420	430	440	435	445 450	465	420CT		440CT	445CT 450CT		STD FLOW	HIGH FLOW	CASE DRAIN	FRONT ELEC	DEMO DOOR	2ND AUX
36" TREE SHOVEL	•	•	•	•	•	•	•	•	•	•	•	•						
42" TREE SHOVEL,	•	•	•	•	•	•	•	•	•	•	•	•						
48" TREE SHOVEL,	•	•	•	•	•	•	•	•	•	•	•	•						

FEATURES

- Dig holes for incoming trees
- Transplant trees and shrubbery
- Transport/load prepackaged trees
- Place large decorative stones easily
- Constructed of 3/8" plate with sharp tapered edge



TREE SPADES

Ex Works – Delhi, IA

For specified skid-steer loaders equipped with standard auxiliary boom hydraulics. Includes complete spade with standard control harness, hoses, fittings and quick couplers.

AUXILIARY BOOM HYDRAULICS REQUIRED. REAR STABILIZERS RECOMMENDED.* FRONT ELECTRIC KIT FOR 400 SERIES LOADERS.	PART NUMBER	WEIGHT LB	PRICE
External Frame, 15° Blade Angle with Under Cutter, Clegg-type Spades			
2415 TREE SPADE including 24 in. blade set	87050387	1325	\$14,031.00
3215 TREE SPADE including 32 in. blade set	87050388	1800	\$16,707.00
Internal Frame, 25° Blade Angle, Truncated Spades			
2625 TREE SPADE	87050389	1150	\$12,189.00
3625 TREE SPADE	87050390	1640	\$13,502.00
4425 TREE SPADE	87050391	1875	\$17,104.00

*See "Rear Stabilizer" pages for rear stabilizer options.

ADDITIONAL COMPONENTS (Order as Needed)

Electrical control package includes magnetically mounted control handle for cab, wire harness to tree spade connector and battery (Required for all XT models)	87050392	3	\$1,462.00
16" Blade set for 2415	87050393	225	\$1,555.00
20" Blade set for 2415	87050394	250	\$1,555.00
20" Blade set for 3215	87050395	300	\$2,069.00
24" Blade set for 3215	87050396	310	\$2,069.00
28" Blade set for 3215	87050397	330	\$2,069.00

MODEL COMPATIBLTY	SR130 SR150		SR175 SV185	SR200	SR220			SV250 SR250	SV300		TR270			TR320 TV380	REQ'D EQUIPMENT						
	410	420		430		440 435	445 450		465	420CT		440CT	445CT 450CT		STD FLOW	HIGH FLOW	CASE DRAIN	FRONT ELEC	DEMO DOOR	2ND AUX	
2415 TREE SPADE			•	•	•	•	•	•	•	•	•	•	•	•	R				O		
3215 TREE SPADE						•	•	•	•		•	•	•	•	R				O		
2625 TREE SPADE			•	•	•	•	•	•	•	•	•	•	•	•	R				O		
3625 TREE SPADE						•	•	•	•		•	•	•	•	R				O		
4425 TREE SPADE							•		•				•	•	R						

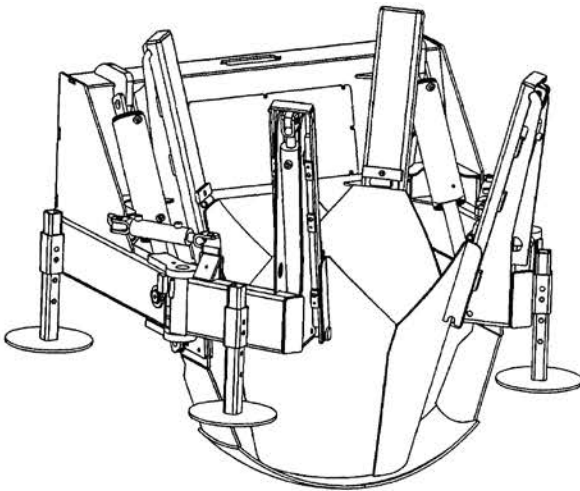
Tree Spades (Continued next page)

TREE SPADES – continued

Ex Works – Delhi, IA

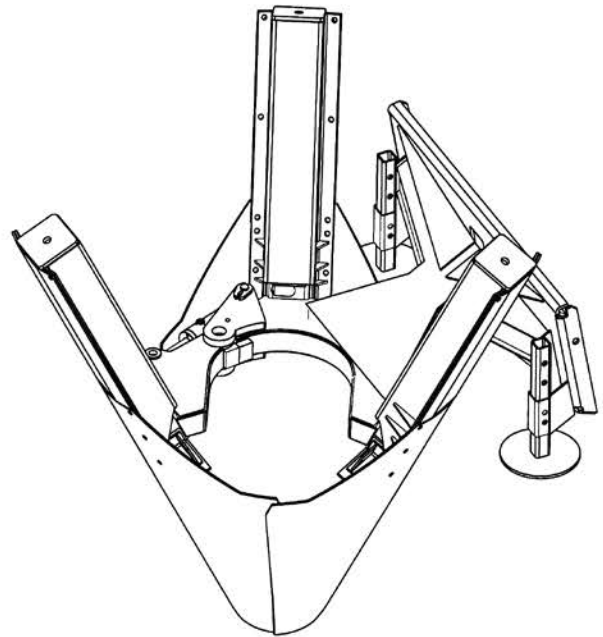
CLEGG TYPE SPADES

- External frame supports under cutter and increases strength
- Under cutter cuts all roots including taproot
- Blades have flat chisel bottom to cut roots as blades are lowered
- Optional blade sets available for quick change of dirt ball size
- Produces perfect round ball to maximize amount of roots for regrowth



25° TRUNCATED SPADE

- Inside frame allows work in tight areas
- Blade towers use high density plastic sides to eliminate greasing
- Produce several uniform ball sizes with 1 set of blades
- Inside frame style allows compressing tree ball in the basket



FEATURES, ALL MODELS

- Designed for production tree harvesting, nursery applications and landscaping
- Low profile blade towers to allow machine to fit between closely planted trees
- High strength "T1" steel blade material
- Two year warranty
- Overlapping blades to clear cut roots
- Adjustable blade slides to maintain alignment
- Adjustable blade depth control legs
- Wide gate opening to clear trees easily
- Produces round balls that actually fit wire baskets available from many vendors
- Built heavy for use at production nurseries and rental centers
- Straight blade design has less resistance in penetrating soil

TRENCHERS

Ex Works – Delhi, IA

Basic trencher includes trencher head, mounting brackets, manual sideshift, hoses and quick couplers. Must specify boom and chain options separately.

	PART NUMBER	WEIGHT LB	PRICE
MODEL 625 TRENCHER-STD FLOW (14-22 gpm)	87050942	870	\$3,787.00
MODEL 640 TRENCHER-HIGH FLOW (25-28gpm)	84421969	900	\$4,894.00
MODEL 640 TRENCHER -HIGH FLOW(29-35 gpm)	87554974	940	\$5,860.00

MODEL COMPATIBLTY	SR130 SR150	SR175 SV185		SR200	SR220		SV250 SR250	SV300		TR270			TR320 TV380	REQ'D EQUIPMENT						
	410		420 430		440	435	445 450	465	420CT		440CT	445CT 450CT		STD FLOW	HIGH FLOW	CASE DRAIN	FRONT ELEC	DEMO DOOR	2ND AUX	
625 TRENCHER - STD FLOW (14-22 gpm)	•	•	•	•	•	•	•	•	•	•	•	•	•	R					O	
MODEL 640 TRENCHER- HIGH FLOW (25-28gpm)		•													R				O	
MODEL 640 TRENCHER - HIGH FLOW(29-35 gpm)			•	•	•	•	•	•	•	•	•	•	•		R				O	

BOOM AND CRUMBER OPTIONS (Must Order One to Complete Unit)

	PART NUMBER	WEIGHT LB	PRICE
30" Boom and crumber assembly	86620052	104	\$586.00
36" Boom and crumber assembly	86620053	115	\$624.00
42" Boom and crumber assembly	86620054	128	\$645.00
48" Boom and crumber assembly	86620055	140	\$673.00
60" Boom and crumber assembly (for model 640 only)	87554975	180	\$792.00

CHAIN OPTIONS 50,000 lb, 2" pitch (Must match boom length. Order one to Complete Unit.)

For 30" Boom - Tooth Every Station (TES)			
6" wide chain	9862922	110	\$713.00
8" wide chain	9862923	118	\$784.00
10" wide chain	9862924	130	\$1,049.00
12" wide chain	9862925	145	\$1,121.00
For 30" Boom - Tooth Every Other Station (TEOS)			
6" wide chain	9862934	89	\$603.00
8" wide chain	9862935	94	\$726.00
10" wide chain	9862936	98	\$790.00
12" wide chain	9862937	108	\$824.00
For 30" Boom - Rock and Frost Chain			
6" wide chain (50% bullet teeth/ 50% cup teeth)	86621857	152	\$1,780.00
For 30" Boom - Shark tooth Chain			
6" wide chain (70% shark teeth/30% cup teeth)	87027549	118	\$933.00
6" wide chain (100% shark teeth)	87027550	121	\$1,054.00
For 36" Boom - Tooth Every Station (TES)			
6" wide chain	9862926	135	\$863.00
8" wide chain	9862927	142	\$879.00
10" wide chain	9862928	155	\$1,084.00
12" wide chain	87050858	190	\$1,217.00

Trenchers
(Continued next page)

TRENCHERS – continued

Ex Works – Delhi, IA

CHAIN OPTIONS 50,000 lb, 2" pitch (Must match boom length. Order one to Complete Unit.) – (continued)

	PART NUMBER	WEIGHT LB	PRICE
For 36" Boom - Tooth Every Other Station (TEOS)			
6" wide chain	9862938	103	\$673.00
8" wide chain	9862939	108	\$714.00
10" wide chain	9862940	116	\$790.00
For 36" Boom - Rock and Frost Chain			
6" wide chain (50% bullet teeth/50% cup teeth)	86621858	182	\$1,869.00
For 30" Boom - Rock and Frost Chain			
6" wide chain (50% bullet teeth/ 50% cup teeth)	86621857	152	\$1,780.00
For 36" Boom - Shark Tooth Chain			
6" wide chain (70% shark teeth/30% cup teeth)	87027551	133	\$1,129.00
6" wide chain (100% shark teeth)	87027552	137	\$1,232.00
For 42" Boom - Tooth Every Station (TES)			
6" wide chain	9862929	148	\$906.00
8" wide chain	9862930	156	\$994.00
10" wide chain	9862931	170	\$1,210.00
For 42" Boom - Tooth Every Other Station (TEOS)			
6" wide chain	9862941	117	\$780.00
8" wide chain	9862942	123	\$797.00
10" wide chain	9862943	132	\$865.00
For 42" Boom - Rock and Frost Chain			
6" wide chain (50% bullet teeth/50% cup teeth)	86621859	212	\$2,092.00
For 42" Boom - Shark Tooth Chain			
6" wide chain (70% shark teeth/30% cup teeth)	87027553	153	\$1,220.00
6" wide chain (100% shark teeth)	87027554	151	\$1,414.00
For 48" Boom - Tooth Every Station (TES)			
6" wide chain	9862932	160	\$1,045.00
8" wide chain	9862933	170	\$1,136.00
For 48" Boom - Tooth Every Other Station (TEOS)			
6" wide chain	9862944	130	\$824.00
8" wide chain	9862945	137	\$879.00
For 48" Boom - Rock and Frost Chain			
6" wide chain (50% bullet teeth/50% cup teeth)	86621860	242	\$2,247.00
For 48" Boom - Shark Tooth Chain			
6" wide chain (70% shark teeth/30% cup teeth)	87027555	168	\$1,285.00
6" wide chain (100% shark teeth)	87027556	172	\$1,521.00
For 60" Boom - Tooth Every Station (TES)			
6" wide chain	9862960	173	\$1,197.00
For 60" Boom - Tooth Every Other Station (TEOS)			
6" wide chain	9862970	149	\$1,011.00
For 60" Boom - Rock and Frost Chain			
6" wide chain (50% bullet teeth/50% cup teeth)	87050857	251	\$2,357.00
For 60" Boom - Shark Tooth Chain			
6" wide chain (70% shark teeth/30% cup teeth)	87027565	195	\$1,634.00

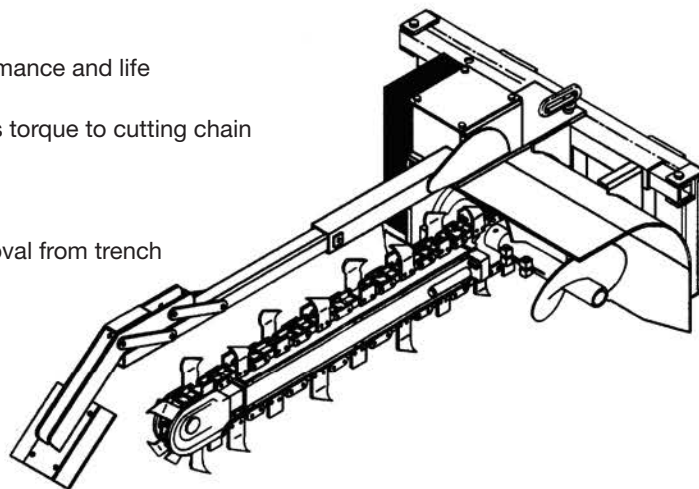
Trenchers (Continued next page)

TRENCHERS – continued

Ex Works – Delhi, IA

FEATURES

- Side shift: Manual standard; Hydraulic optional
- 2" pitch, 50,000 lb, anti-back flex chain for maximum performance and life
- High torque hydraulic motor for maximum digging power
- Heavy duty chain (625) or planetary (640) reduction amplifies torque to cutting chain
- Sealed idler bearing is maintenance free (625)
- Low profile dirt shield for improved operator visibility
- Built-in skid shoe to provide positive depth control for auger
- Pivoting crumber shoe and bar to assist with loose soil removal from trench
- Bolt-on replaceable wear strips on boom extend boom life under rough conditions
- Drum scrapers included



REQUIREMENTS FOR OPERATION

- Standard Auxiliary hydraulics (as indicated)
- High Flow Auxiliary hydraulics (as indicated)

SPECIFICATIONS					
DESCRIPTION	30 in.	36 in.	42 in.	48 in.	60 in.
Trench Depth with Auger @ 65° Digging Angle.	30"	36"	42"	48"	60"
Trench Widths Available:	6, 8, 10, 12"	6, 8, 10, 12"	6, 8, 10"	6, 8"	6"
Recommended Trenching Angle	65°	65°	65°	65°	65°
Head shaft Height	8"	8"	8"	8"	8"
Overall Trencher Length	66"	73"	80"	86"	86"
Overall Trencher Width	48"	48"	48"	48"	48"
Overall Trencher Height	32"	32"	32"	32"	32"
Spoil Discharge Reach	18"	18"	18"	18"	18"
Side Shift, Right of Corner	17"	17"	17"	17"	17"
Distance from Centerline Drive Sprocket to Back of Mounting Frame	16"	16"	16"	16"	16"

CHAIN SELECTION

TOOTH EVERY STATION (TES):

Designed for standard digging conditions in light to moderately compacted, sandy, loam soils and loosely packed gravelly soils. Typically good digging conditions

TOOTH EVERY OTHER STATION (TEOS):

Designed to be the most productive in wet, sticky conditions such as wet clay, gumbo, etc. TEOS allows sticky soils to be discharged as it comes around the headshaft sprocket allowing the auger to pick it up and discharge spoil to the side of the trench.

ROCK AND FROST CHAIN 50/50 (50% R&F teeth/50% cup teeth):

Gives highest production in frozen ground, highly compacted or rocky soils. Bullet shaped rock teeth break tougher soils and rock allowing the cup teeth to pick it up and clean the trench. Aggressive in tough conditions but not as productive in lighter normal conditions.

SHARK TOOTH CHAIN 70/30 (70% Shark teeth/30% cup teeth):

The 70/30 chain should be used in compacted soils, light frozen ground, baked hard clay, shale or rocky soils. Shark teeth will slice, break and relieve the tough soils allowing cup teeth to follow and clean the trench. Not as productive as TES chain in normal digging conditions.

FULL SHARK TOOTH CHAIN (100% SHARK teeth):

Full shark tooth chain is recommended for fracturable rock, shale, caliche or conditions with little or no loose soil. Will not efficiently clean the trench in sand, silt, and high moisture clay conditions.

VIBRATORY ROLLERS (PADFOOT DRUM)

Ex Works – Delhi, IA

Units supplied complete with mounting plate, hoses and quick couplers.

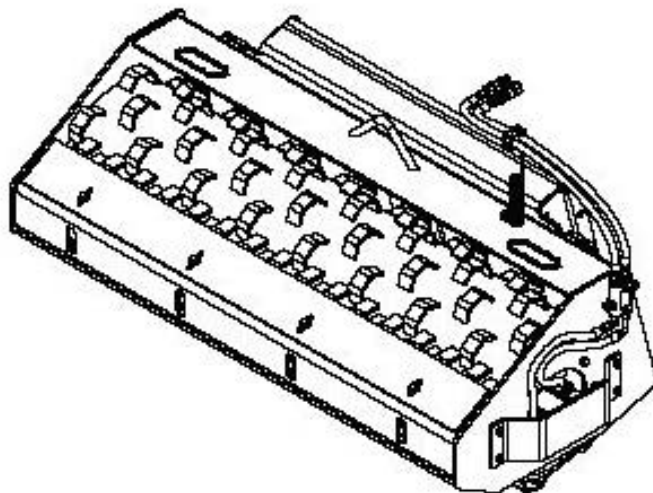
REQUIRES STANDARD AUXILIARY BOOM HYDRAULICS	PART NUMBER	WEIGHT LB	PRICE
VRP48 48" VIBRATORY ROLLER	87373395	1630	\$9,253.00
VRP66 66" VIBRATORY ROLLER	87373396	2085	\$10,277.00
VRP73 73" VIBRATORY ROLLER	87373397	2230	\$10,699.00
VRP84 84" VIBRATORY ROLLER	87373398	2455	\$11,324.00

MODEL COMPATIBILITY	SR130 SR150		SR175 SV185	SR200	SR220		SV250 SR250	SV300		TR270			TR320 TV380	REQ'D EQUIPMENT					
	410	420		430	440	435	445 450	465	420CT		440CT	445CT 450CT		STD FLOW	HIGH FLOW	CASE DRAIN	FRONT ELEC	DEMO DOOR	2ND AUX
48" VIBRATORY ROLLER	•	•	•	•	•	•	•	•	•	•	•	•	•	R					
66" VIBRATORY ROLLER			•	•	•	•	•	•		•	•	•	•	R					
73" VIBRATORY ROLLER					•	•	•	•		•	•	•	•	R					
84" VIBRATORY ROLLER							•	•				•	•	R					

SPECIFICATIONS				
DESCRIPTION	VRP48	VRP66	VRP73	VRP84
Drum Width - in. (mm)	48 (1219)	66 (1676)	73 (1854)	84 (2134)
Drum Diameter - in. (mm)	22 (559)	22 (559)	22 (559)	22 (559)
Dynamic Force - lb. (kn)	5750 (25.6)	7800 (34.7)	8550 (38.0)	9370 (41.7)
Frequency @ 20 gpm - vpm	2600	2600	2600	2600
Vibrating Wt. - lb. (kg)	890 (404)	1130 (513)	1225 (556)	1370 (621)
Operating Wt. - lb. (kg)	1630 (739)	2085 (946)	2230 (1012)	2455 (1114)
Drum Oscillation	±15°	±15°	±15°	±15°
Max. Hyd. Flow - gpm (lpm)	25 (95)	25 (95)	25 (95)	25 (95)

FEATURES

- Compact sand, gravel or soil in preparation for concrete or asphalt surfacing
- ± 15° Drum oscillation
- Includes quick disconnects
- Can be center mounted or offset 12" to right
- Drum scrapers included



VIBRATORY ROLLERS (SMOOTH DRUM)

Ex Works – Delhi, IA

Units supplied complete with mounting plate, hoses and quick couplers.

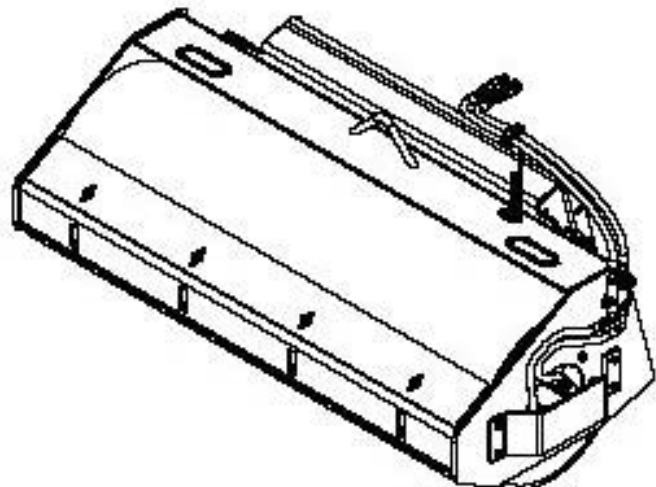
REQUIRES STANDARD AUXILIARY BOOM HYDRAULICS	PART NUMBER	WEIGHT LB	PRICE
VRS48 48" VIBRATORY ROLLER	87373001	1680	\$8,776.00
VRS66 66" VIBRATORY ROLLER	87373002	2150	\$9,622.00
VRS73 73" VIBRATORY ROLLER	87373003	2300	\$10,032.00
VRS84 84" VIBRATORY ROLLER	87373004	2530	\$10,478.00

MODEL COMPATIBILITY	SR130 SR150		SR175 SV185	SR200	SR220		SV250 SR250	SV300		TR270			TR320 TV380	REQ'D EQUIPMENT					
	410	420		430	440	435	445 450	465	420CT		440CT	445CT 450CT		STD FLOW	HIGH FLOW	CASE DRAIN	FRONT ELEC	DEMO DOOR	2ND AUX
48" VIBRATORY ROLLER	•	•	•	•	•	•	•	•	•	•	•	•	•	R					
66" VIBRATORY ROLLER			•	•	•	•	•	•		•	•	•	•	R					
73" VIBRATORY ROLLER					•	•	•	•		•	•	•	•	R					
84" VIBRATORY ROLLER							•	•				•	•	R					

SPECIFICATIONS				
DESCRIPTION	VRP48	VRP66	VRP73	VRP84
Drum Width - in. (mm)	48 (1219)	66 (1676)	73 (1854)	84 (2134)
Drum Diameter - in. (mm)	24 (610)	24 (610)	24 (610)	24 (610)
Dynamic Force - lb. (kn)	5750 (25.6)	7800 (34.7)	8550 (38.0)	9370 (41.7)
Frequency @ 20 gpm - vpm	2600	2600	2600	2600
Vibrating Wt. - lb. (kg)	935 (424)	1190 (540)	1290 (585)	1440 (653)
Operating Wt. - lb. (kg)	1680 (762)	2150 (975)	2300 (1043)	2550 (1157)
Drum Oscillation	±15°	±15°	±15°	±15°
Max. Hyd. Flow - gpm (lpm)	25 (95)	25 (95)	25 (95)	25 (95)

FEATURES

- Compact sand, gravel or soil in preparation for concrete or asphalt surfacing
- ± 15° Drum oscillation
- Includes quick disconnects
- Can be center mounted or offset 12" to right
- Drum scrapers included



WATER KITS

Ex Works – Delhi, IA

Water kit may be used with pick-up sweepers, angle brooms, cold planers, rock wheels, vibratory rollers and other attachments where dust control is important.

REQUIRES TUBING AND NOZZLE KIT FOR INDIVIDUAL ATTACHMENTS	PART NUMBER	WEIGHT LB	PRICE
Water Kit, Roof Mount for XT, 400 Series	87338935	329	\$1,208.00
Water Kit, Roof Mount for Alpha Series	84399981	329	\$1,208.00

OPTIONS (Order as Needed)

Water nozzle kit for brooms, other attachments - includes 4 nozzles, tubing, mounting brackets, hose and quick disconnect coupling	86619372	15	\$242.00
Water nozzle kit , includes 3 spray nozzles, tubing and fitting to reach coupler on loader boom for SP12 - HP30 cold planers	87045462	10	\$520.00
Water nozzle kit , includes 4 spray nozzles, tubing and fitting to reach coupler on loader boom for HP40 cold planer	87326406	12	\$278.00

MODEL COMPATIBILITY	410 420	430 440	435 445	450 465	440	420CT 440CT	445CT 450CT	SR130 SR150	SR175 SV185	SR220 SR200	SV250 SR250	SV300	TR270	TR320 TV380	REQ'D EQUIP	
															STD FLOW	FRONT ELEC
Water Kit, Roof Mount for XT, 400 Series - 87338935	•	•	•	•	•	•	•									O
Water Kit, Roof Mount for Alpha Series - 84399981								•	•	•	•	•	•	•		O

FEATURES

- 30 gal capacity
- Roof-mounted, low profile tank
- Includes mounting brackets, pump, tubing to end of loader boom, wiring harness, control box

APPLICATIONS

- Pick-up brooms, angle brooms, cold planers, rock saws, vibratory rollers and other attachments requiring dust control.

REQUIREMENTS FOR OPERATION

- Nozzle kit for specific applications

